

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109780.D
 Acq On : 11 Oct 2018 9:30
 Operator : JU/SJ
 Sample : J5299-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 11:06:45 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	87272	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	358175	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	159927	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	290304	20.00	ng	0.00
75) Chrysene-d12	13.83	240	224845	20.00	ng	0.00
86) Perylene-d12	15.23	264	212666	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	199908	40.66	ng	-0.01
7) Phenol-d6	6.35	99	182484	27.78	ng	-0.01
23) Nitrobenzene-d5	7.26	82	632659	97.37	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	146638	84.15	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1139258	98.11	ng	0.00
78) Terphenyl-d14	12.78	244	942557	81.15	ng	0.00

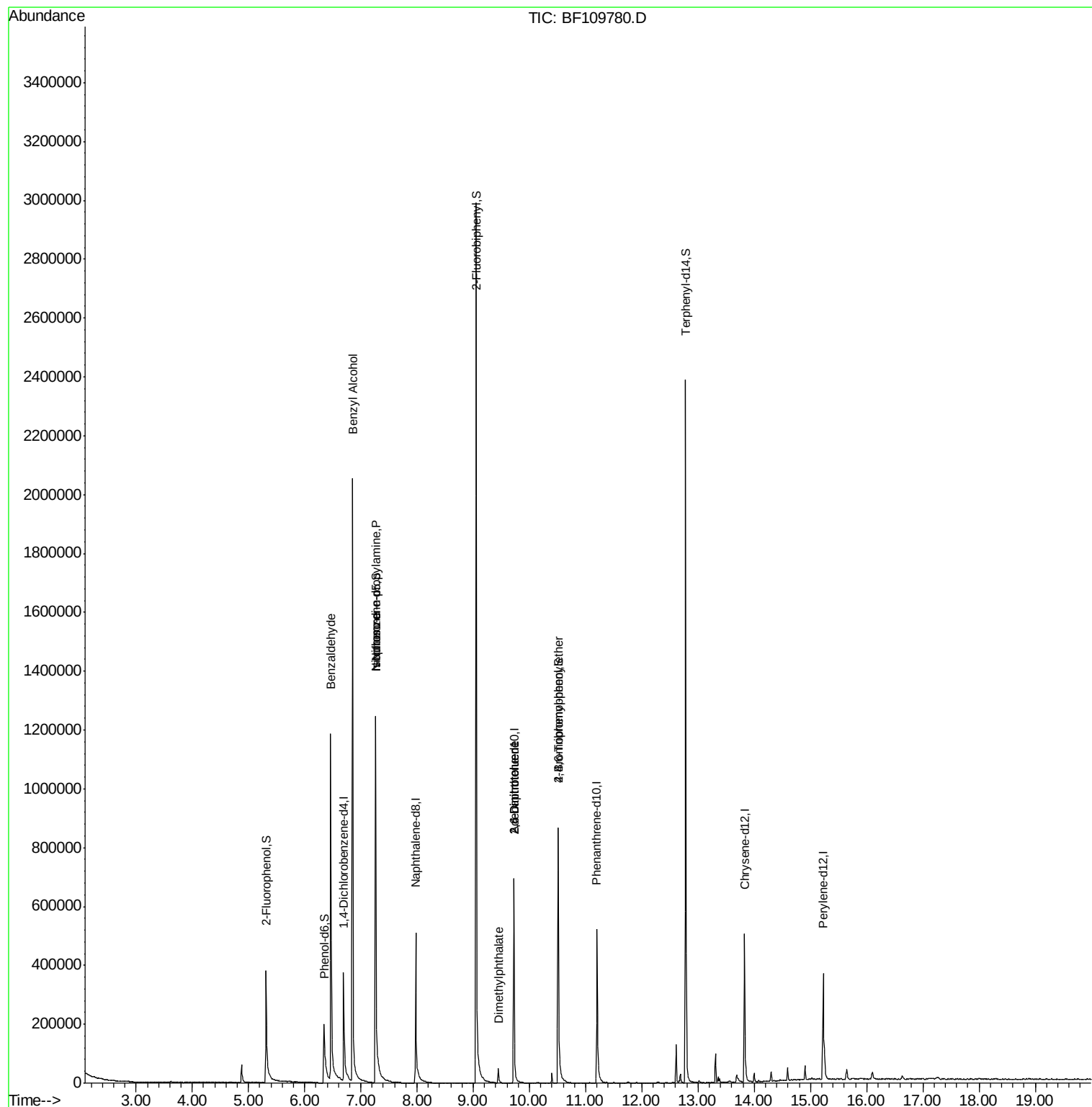
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	9581	2.267	ng	# 73
15) Benzyl Alcohol	6.85	79	9798	2.012	ng	# 52
19) n-Nitroso-di-n-propylamine	7.26	70	83555	18.140	ng	# 76
25) Isophorone	7.26	82	632655	58.634	ng	# 67
49) Dimethylphthalate	9.45	163	31402	2.677	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	19923	7.836	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	20046	6.318	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	8785	2.634	ng	# 1

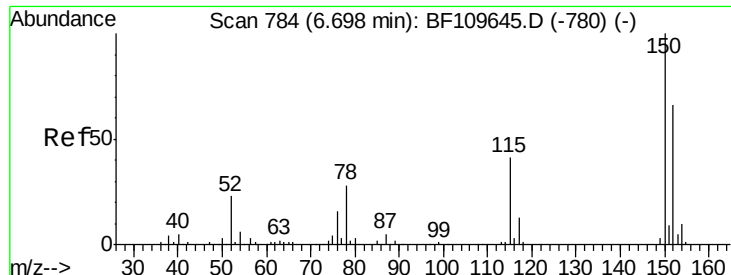
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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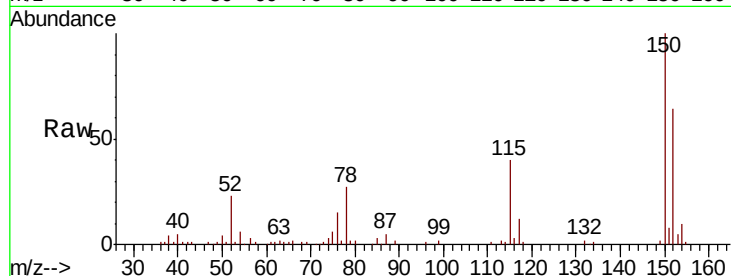


#1

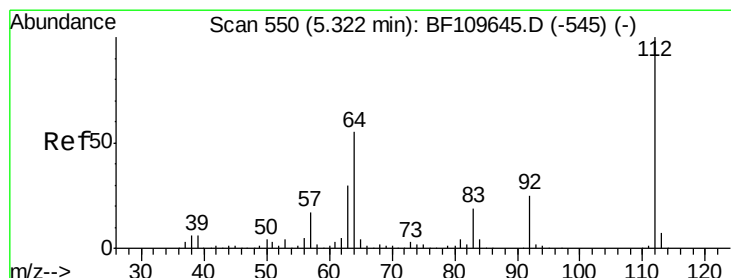
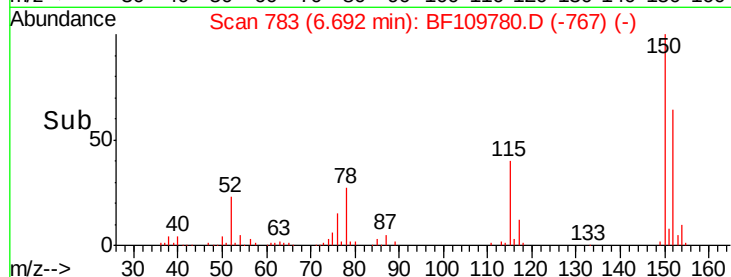
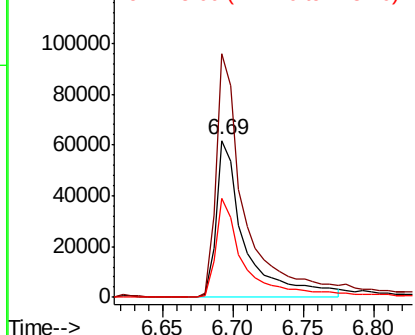
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87272
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 62.7 49.1 73.7



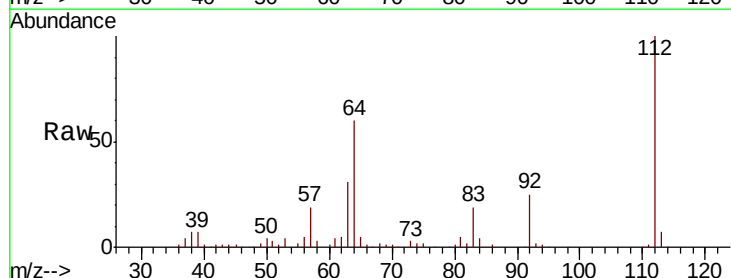
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



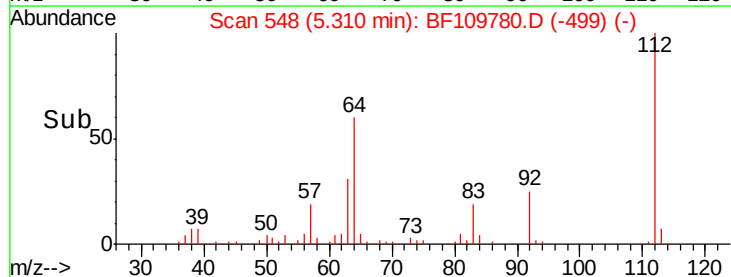
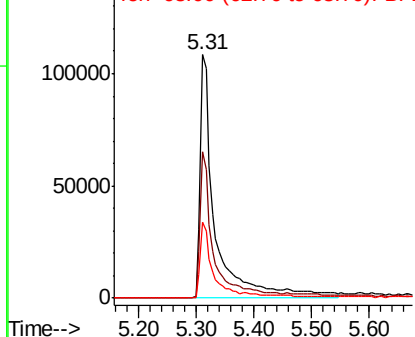
#5

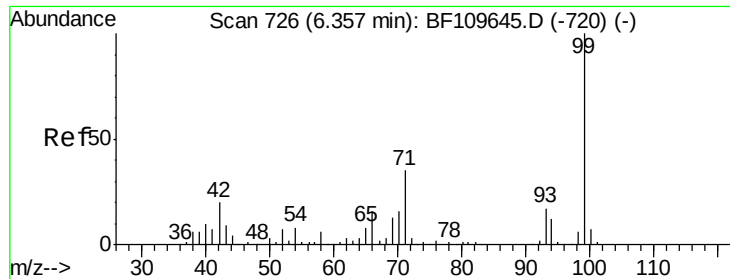
2-Fluorophenol
Concen: 40.659 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion:112 Resp: 199908
Ion Ratio Lower Upper
112 100
64 60.2 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: 27.783 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109780.D

Acq: 11 Oct 2018 9:30

Instrument :

BNA_F

ClientSampled :

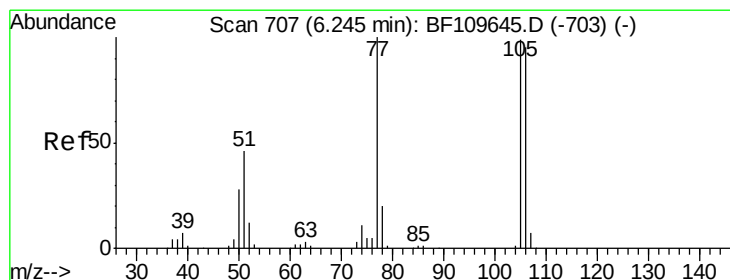
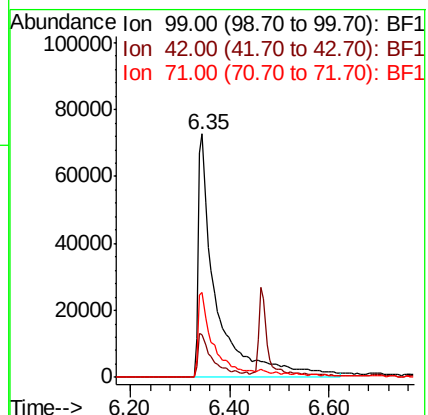
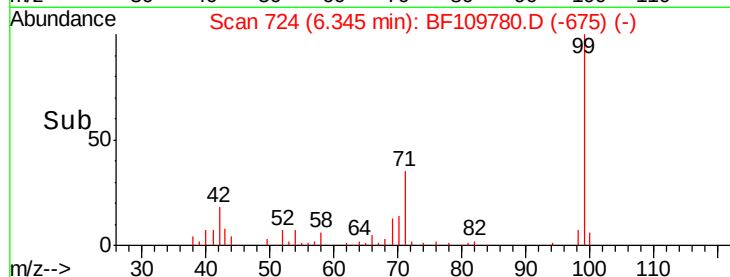
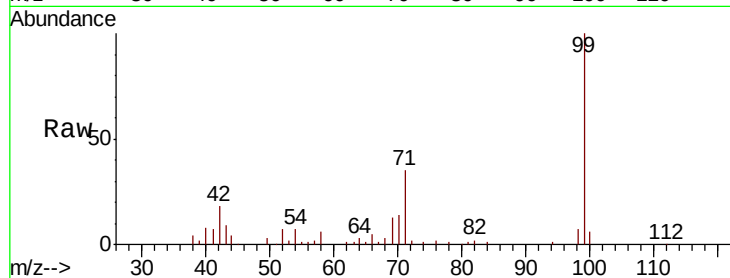
Tot Ion: 99 Resp: 182484

Ion Ratio Lower Upper

99 100

42 17.7 15.8 23.6

71 35.1 28.0 42.0



#9

Benzaldehyde

Concen: 2.267 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109780.D

Acq: 11 Oct 2018 9:30

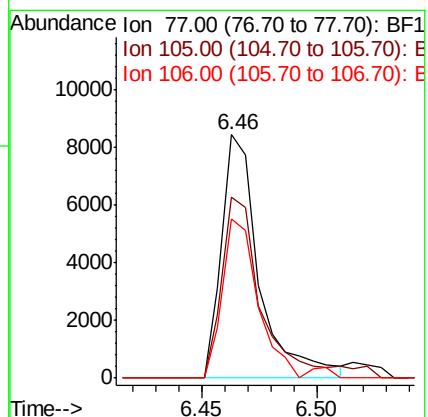
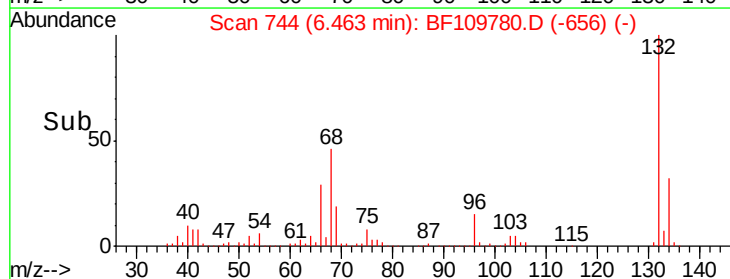
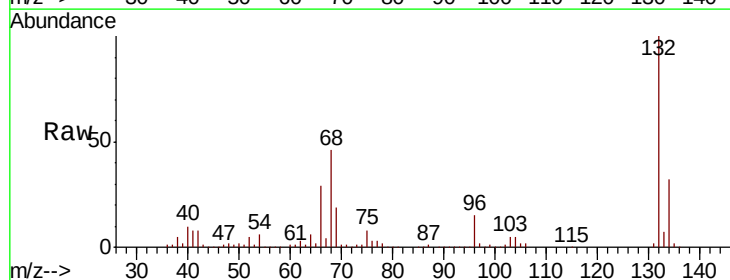
Tgt Ion: 77 Resp: 9581

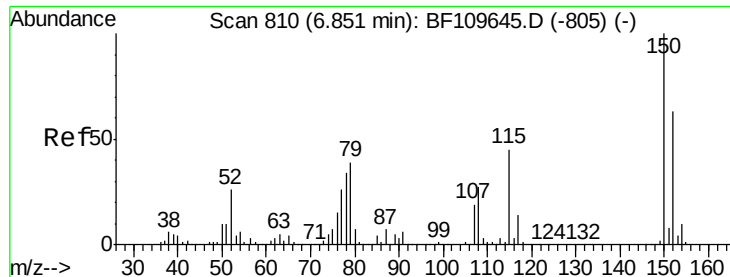
Ion Ratio Lower Upper

77 100

105 74.2 78.6 118.6#

106 65.3 74.8 114.8#





#15

Benzyl Alcohol

Concen: 2.012 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109780.D

Acq: 11 Oct 2018 9:30

Instrument :

BNA_F

ClientSampled :

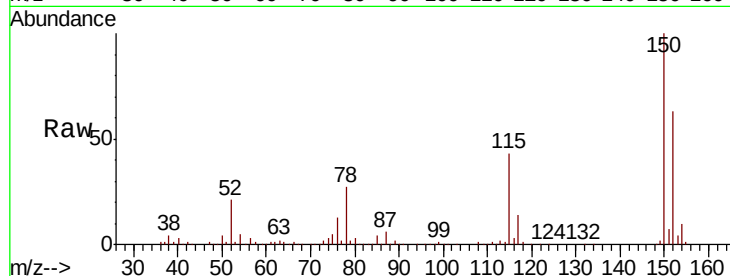
Tot Ion: 79 Resp: 9798

Ion Ratio Lower Upper

79 100

108 30.8 56.3 84.5#

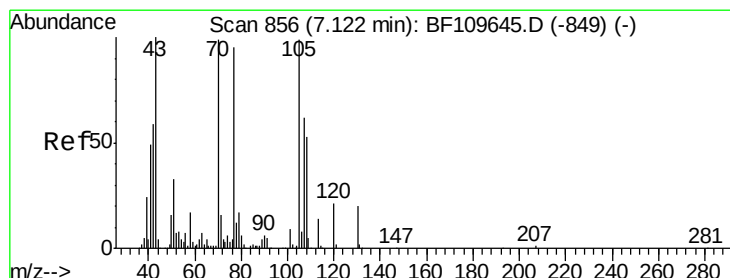
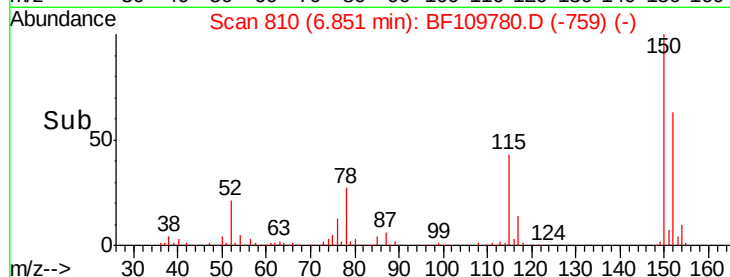
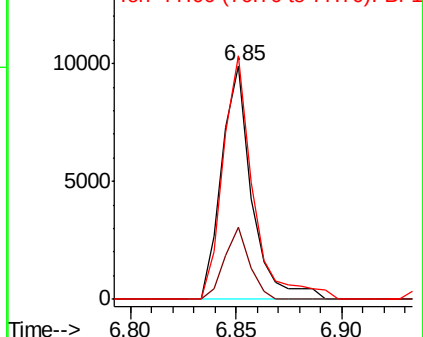
77 104.1 52.9 79.3#



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: 18.140 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF109780.D

Acq: 11 Oct 2018 9:30

Tgt Ion: 70 Resp: 83555

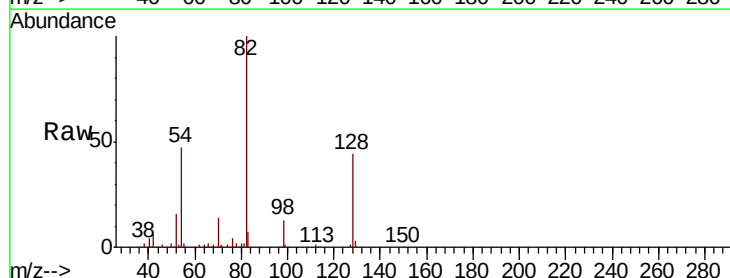
Ion Ratio Lower Upper

70 100

42 45.4 47.4 71.2#

101 0.0 7.3 10.9#

130 1.7 16.2 24.2#

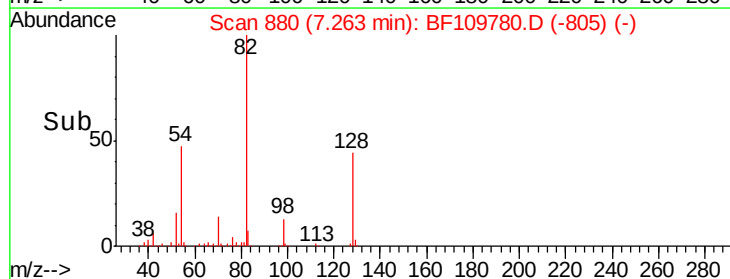
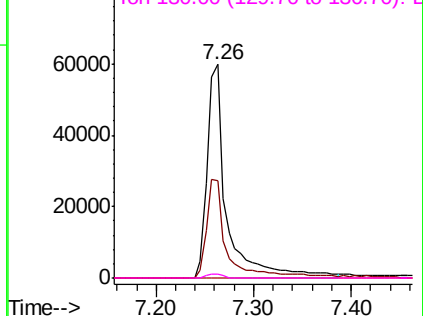


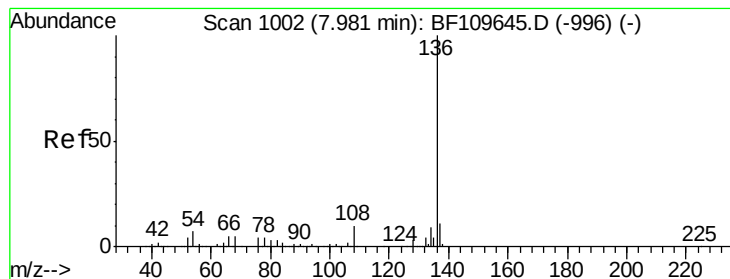
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF109780.D

Acq: 11 Oct 2018 9:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 358175

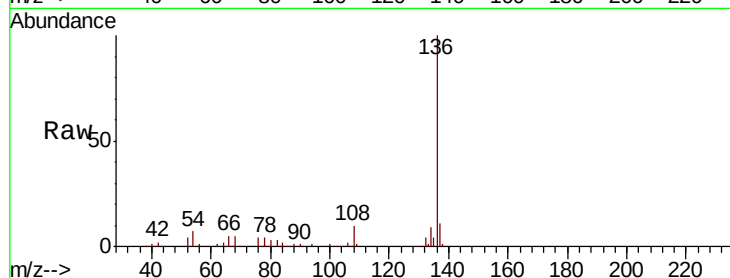
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.6 5.4 8.2

68 4.8 4.2 6.2

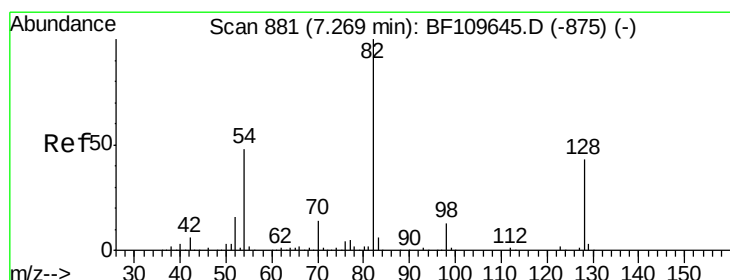
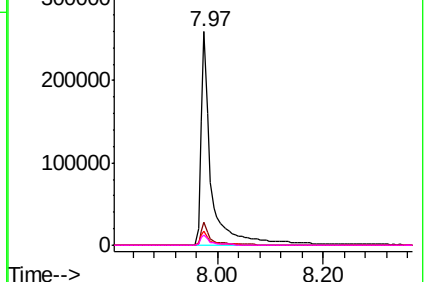
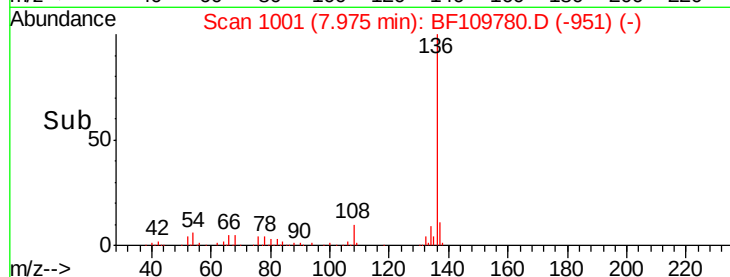


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.367 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109780.D

Acq: 11 Oct 2018 9:30

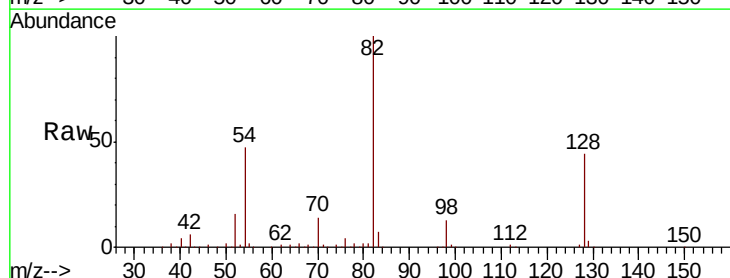
Tgt Ion: 82 Resp: 632659

Ion Ratio Lower Upper

82 100

128 44.1 34.2 51.2

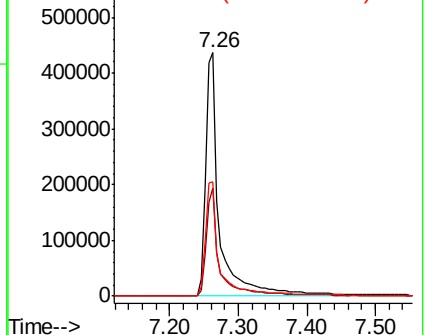
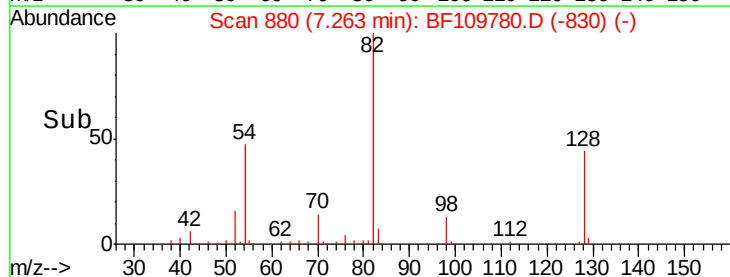
54 46.8 38.6 58.0

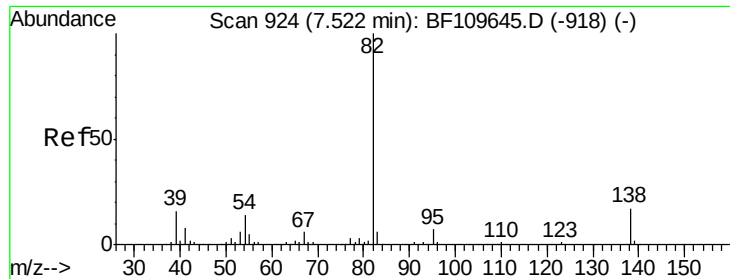


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 58.634 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF109780.D

Acq: 11 Oct 2018 9:30

Instrument :

BNA_F

ClientSampled :

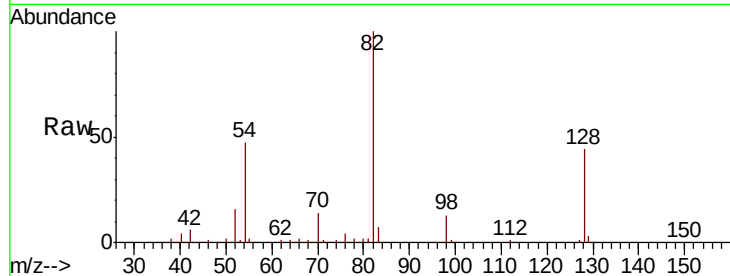
Tot Ion: 82 Resp: 632655

Ion Ratio Lower Upper

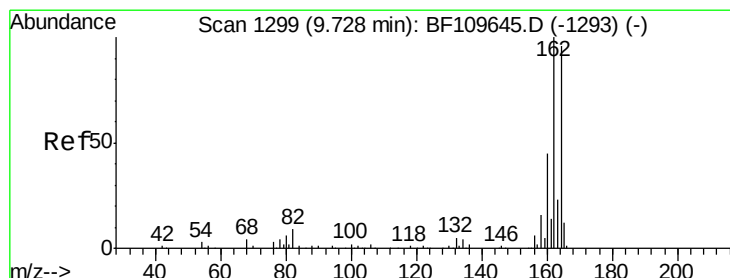
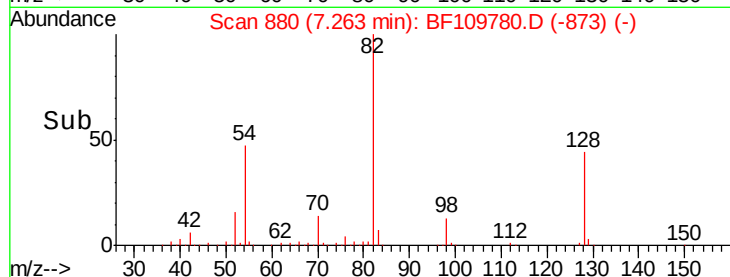
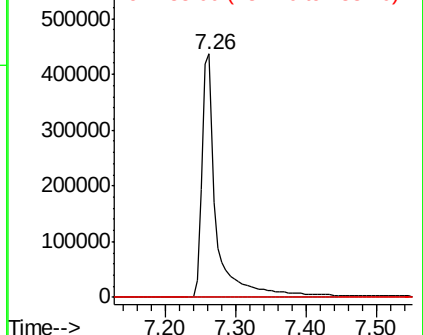
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109780.D

Acq: 11 Oct 2018 9:30

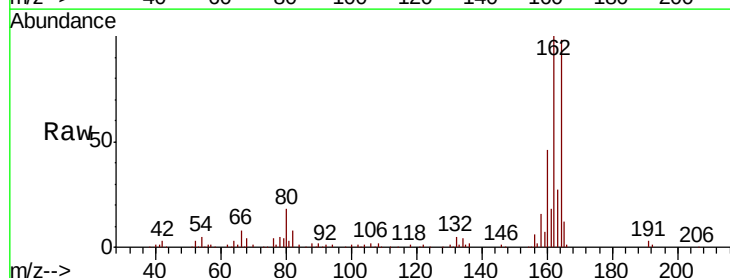
Tgt Ion: 164 Resp: 159927

Ion Ratio Lower Upper

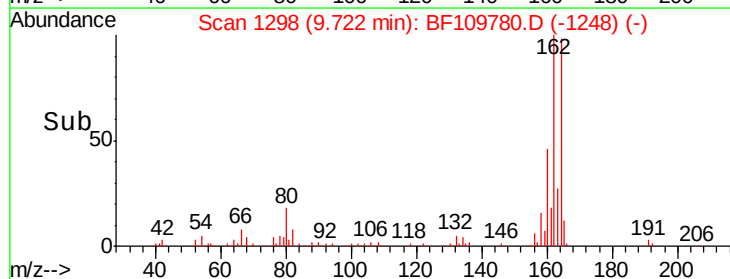
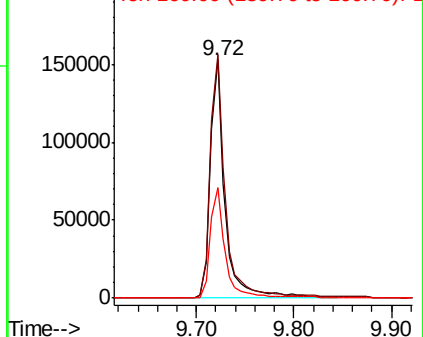
164 100

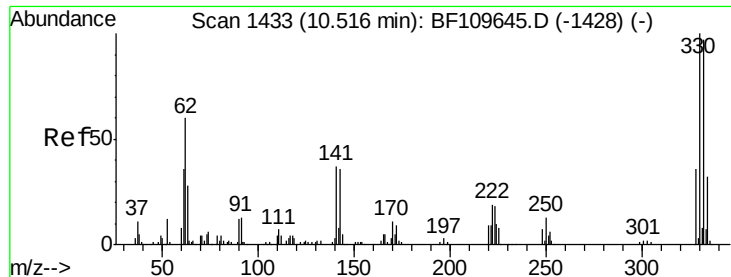
162 102.3 83.0 124.6

160 46.5 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

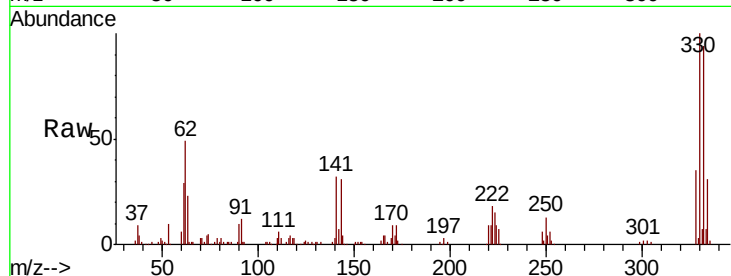




#41
 2,4,6-Tribromophenol
 Concen: 84.150 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109780.D
 Acq: 11 Oct 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	Resp	146638
Ion Ratio	100	Lower	Upper
330	100		
332	93.5	77.1	115.7
141	35.7	27.0	40.4

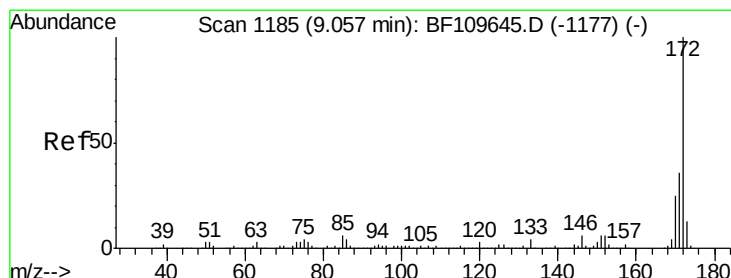
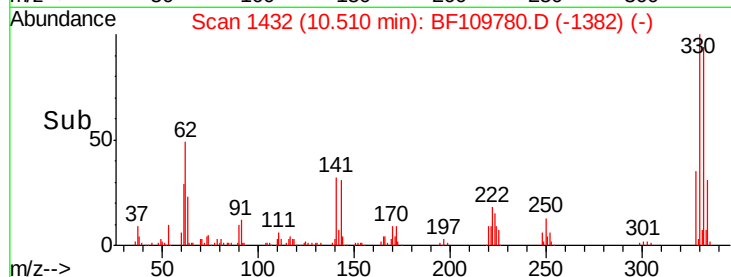
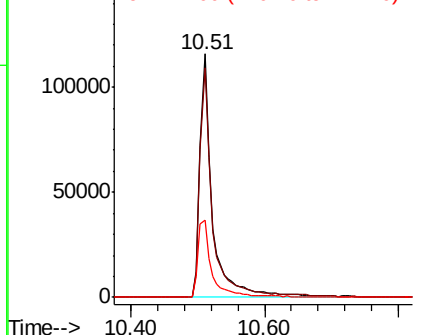


Abundance

Ion 329.80 (329.50 to 330.50): E

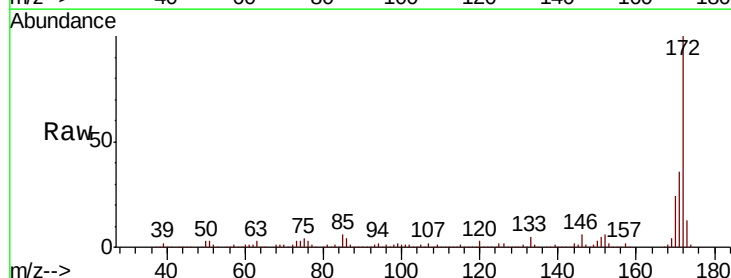
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.110 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109780.D
 Acq: 11 Oct 2018 9:30

Tgt Ion	172	Resp	1139258
Ion Ratio	100	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.3	19.7	29.5

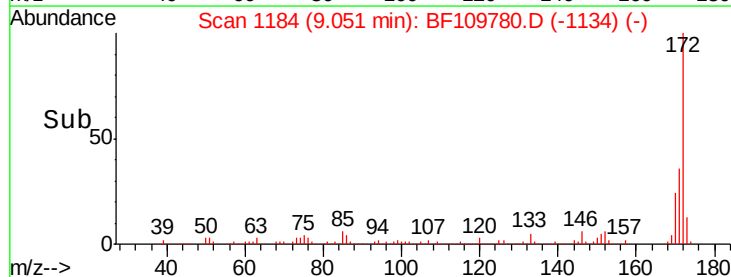
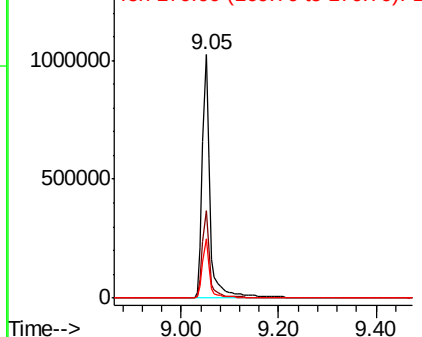


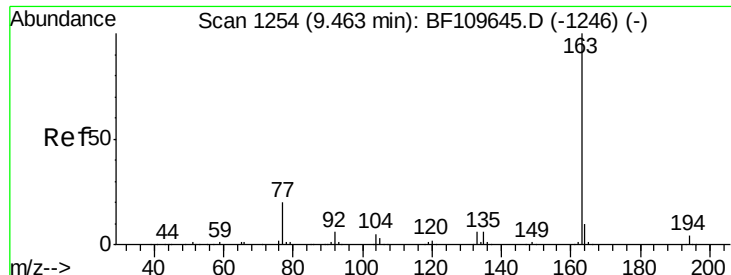
Abundance

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

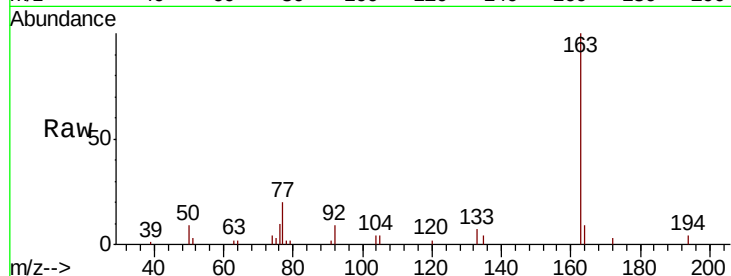




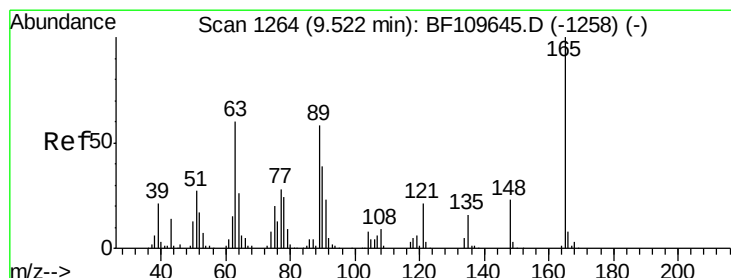
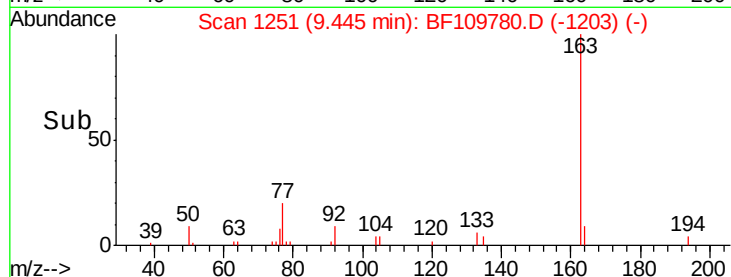
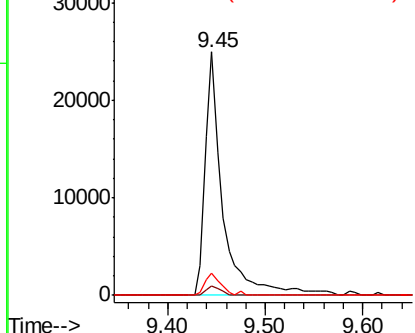
#49
Dimethylphthalate
Concen: 2.677 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 31402
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.3 8.1 12.1

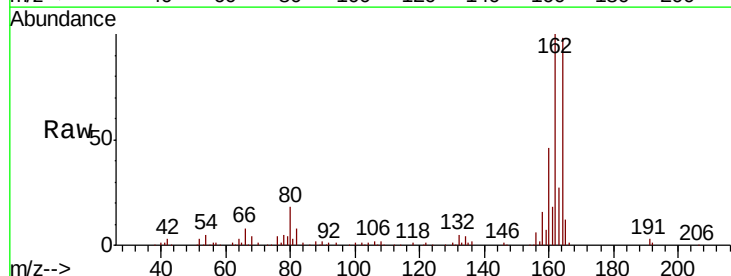


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

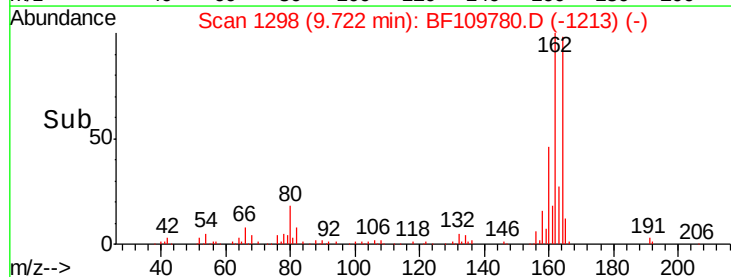
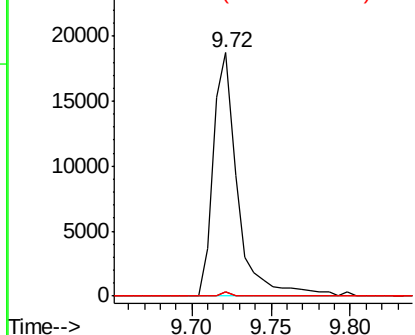


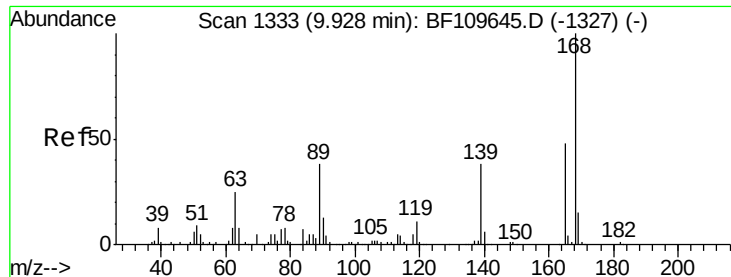
#50
2,6-Dinitrotoluene
Concen: 7.836 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion:165 Resp: 19923
Ion Ratio Lower Upper
165 100
63 1.9 48.9 73.3#
89 1.7 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

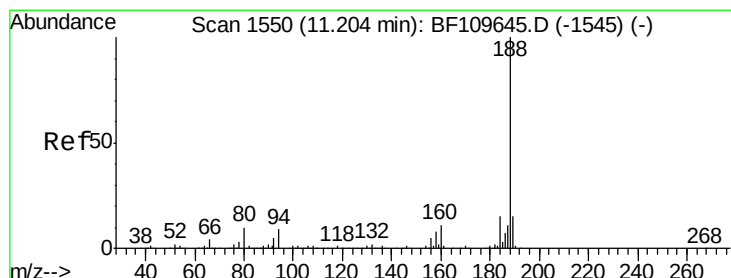
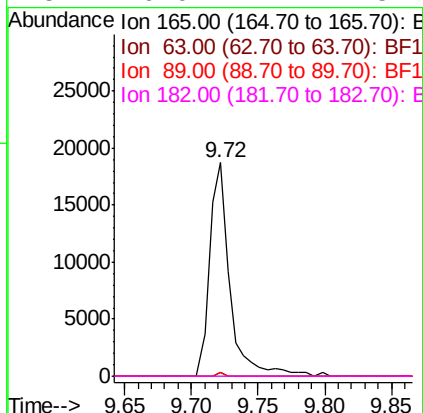
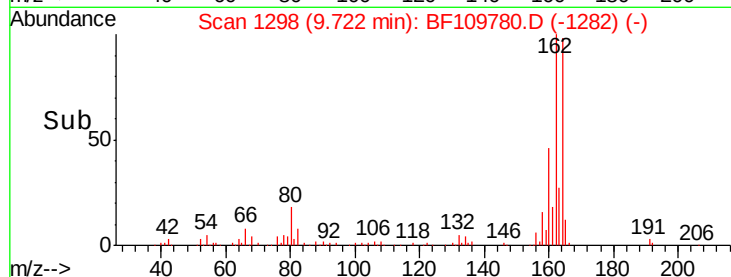
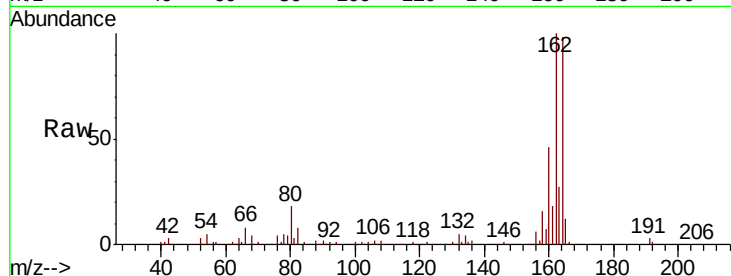




#56
 2,4-Dinitrotoluene
 Concen: 6.318 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109780.D
 Acq: 11 Oct 2018 9:30

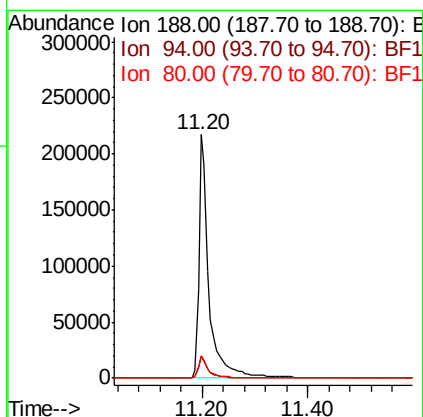
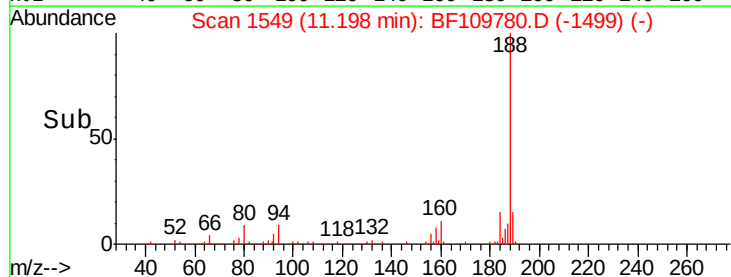
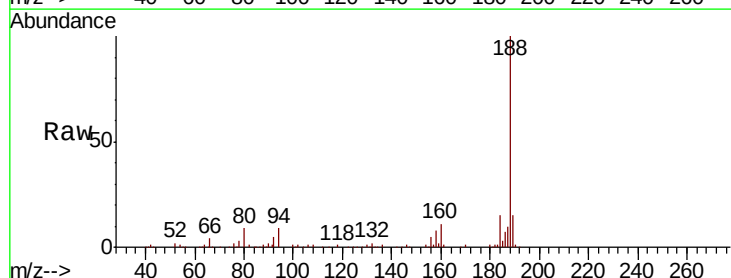
Instrument :
 BNA_F
 ClientSampled :

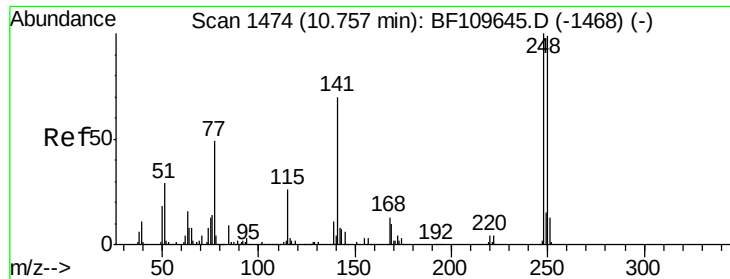
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109780.D
 Acq: 11 Oct 2018 9:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.2	7.9	11.9

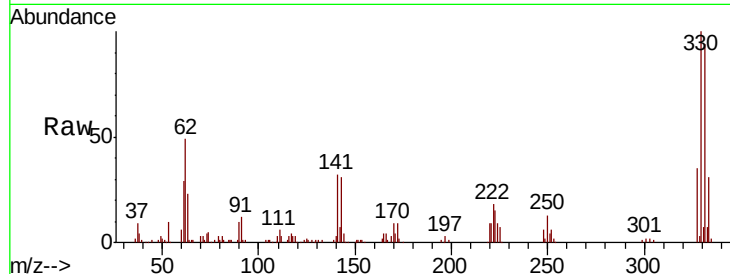




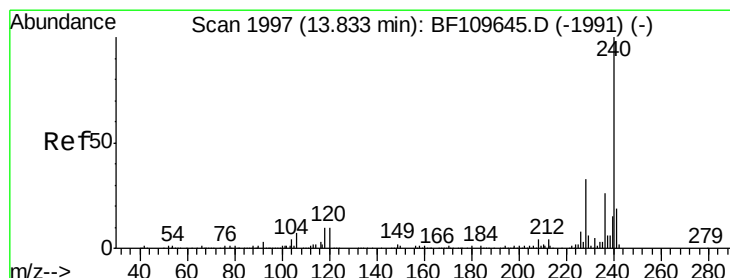
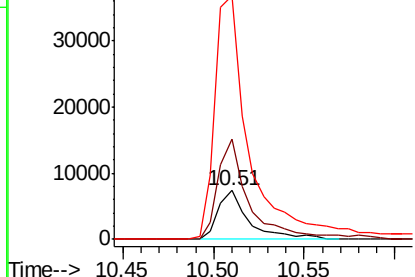
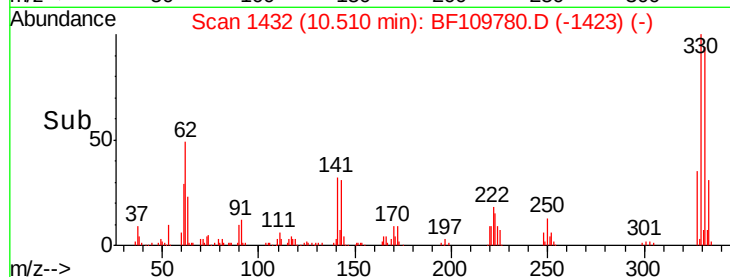
#66
4-Bromophenyl-phenylether
Concen: 2.634 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8785
Ion Ratio Lower Upper
248 100
250 206.3 79.4 119.2#
141 500.8 55.9 83.9#

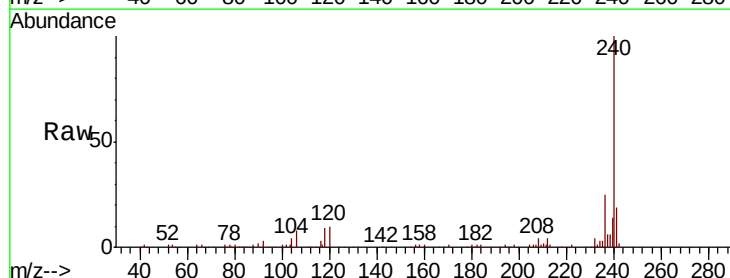


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

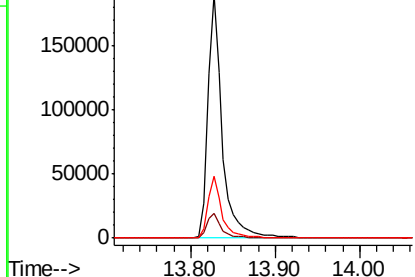
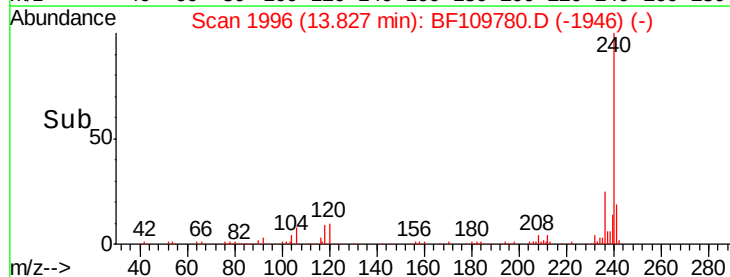


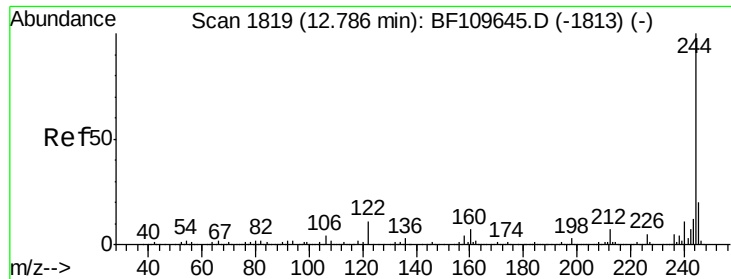
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion:240 Resp: 224845
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 25.4 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



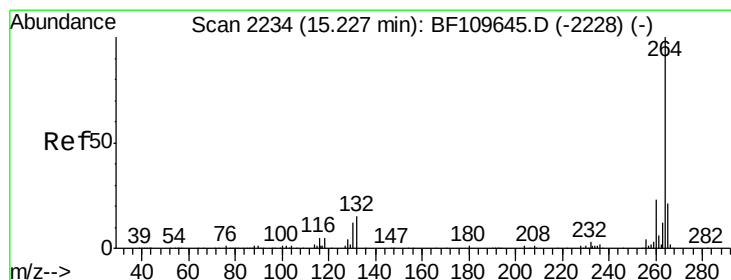
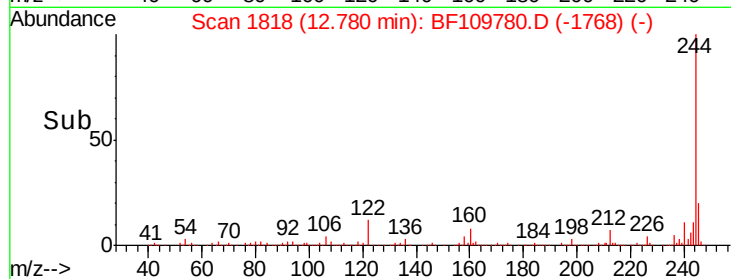
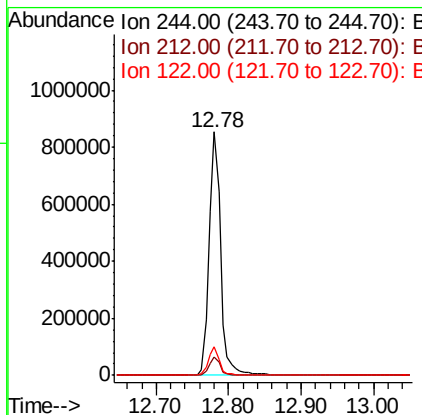
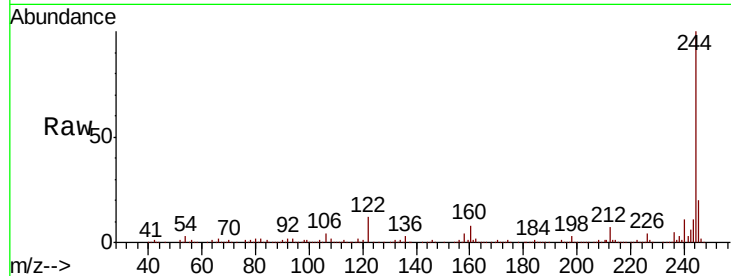


#78
 Terphenyl-d14
 Concen: 81.151 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109780.D
 Acq: 11 Oct 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 942557

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	11.7	8.7	13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109780.D
 Acq: 11 Oct 2018 9:30

Tgt Ion:264 Resp: 212666

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.0	16.7	25.1

