

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109682.D
 Acq On : 9 Oct 2018 7:56
 Operator : JU/SJ
 Sample : J5309-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-11

Quant Time: Oct 09 08:24:54 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

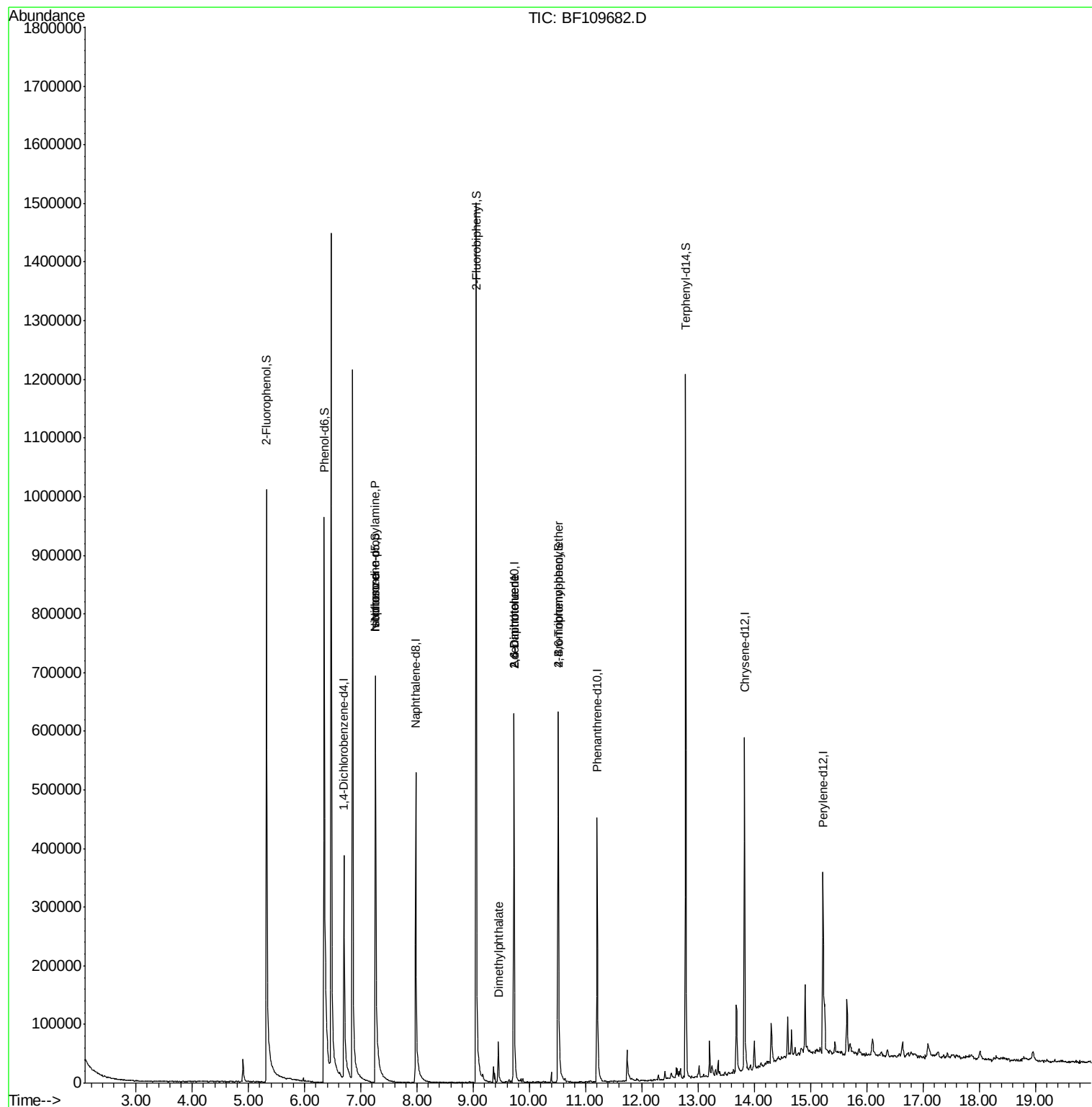
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	92094	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	354766	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	137924	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	233590	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210142	20.00	ng	0.00
86) Perylene-d12	15.22	264	165084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	403339	77.74	ng	0.00
7) Phenol-d6	6.35	99	562859	81.21	ng	-0.01
23) Nitrobenzene-d5	7.26	82	373068	57.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	102202	68.01	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	579442	57.86	ng	0.00
78) Terphenyl-d14	12.78	244	447358	41.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	46669	9.602	ng	# 79
25) Isophorone	7.26	82	375267	35.114	ng	# 67
49) Dimethylphthalate	9.45	163	38093	3.766	ng	# 97
50) 2,6-Dinitrotoluene	9.72	165	17161	7.826	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	17161	6.271	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	5890	2.195	ng	# 1

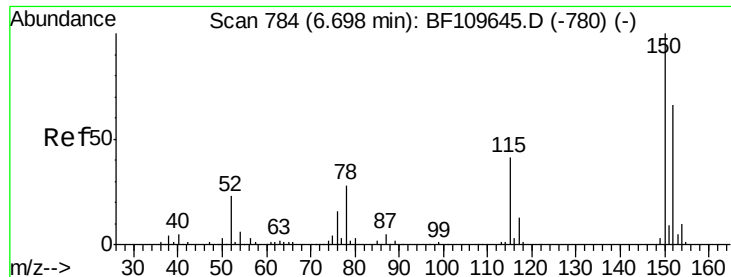
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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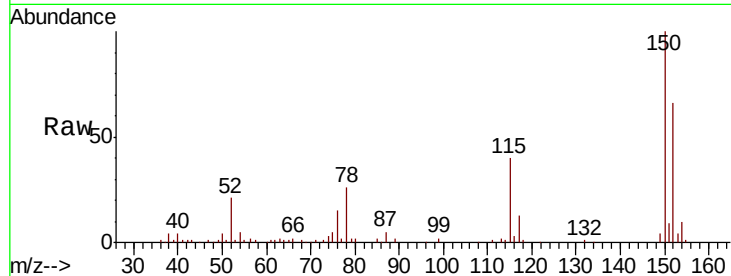


#1

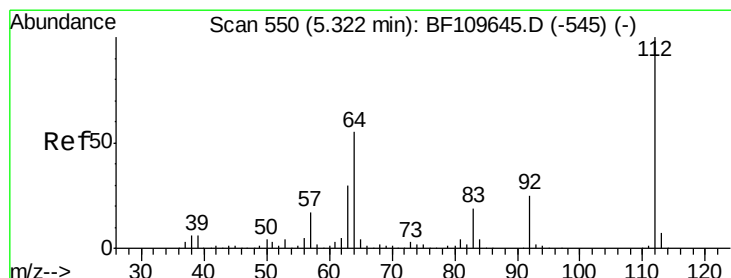
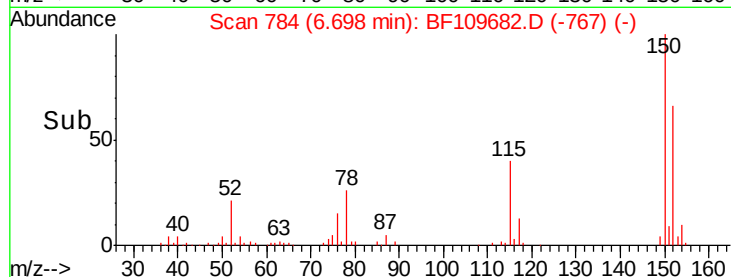
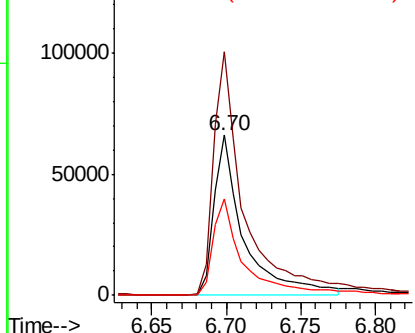
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109682.D
 Acq: 9 Oct 2018 7:56

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:152 Resp: 92094
 Ion Ratio Lower Upper
 152 100
 150 152.1 122.7 184.1
 115 60.4 49.1 73.7



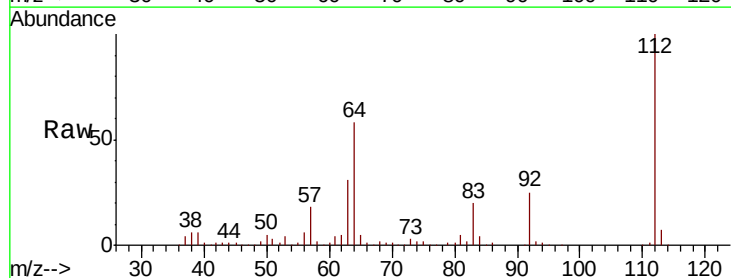
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



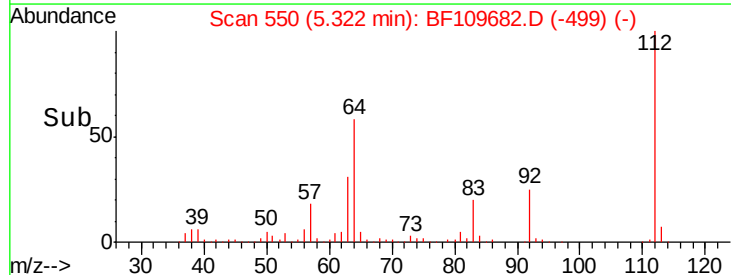
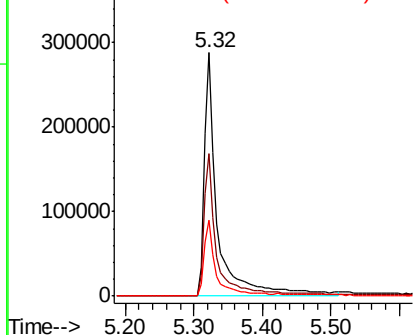
#5

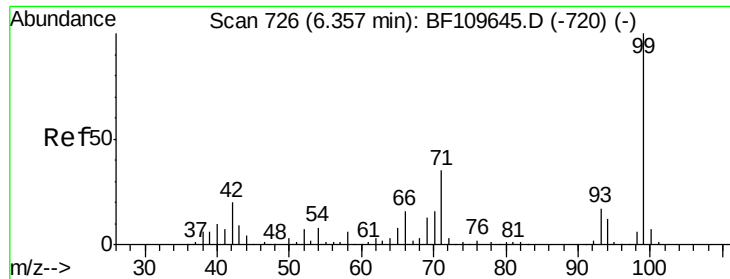
2-Fluorophenol
 Concen: 77.740 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF109682.D
 Acq: 9 Oct 2018 7:56

Tgt Ion:112 Resp: 403339
 Ion Ratio Lower Upper
 112 100
 64 58.5 44.1 66.1
 63 31.3 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: 81.209 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109682.D

Acq: 9 Oct 2018 7:56

Instrument :

BNA_F

ClientSampleId :

S-11

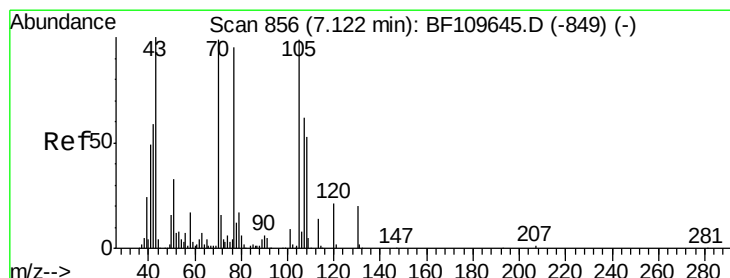
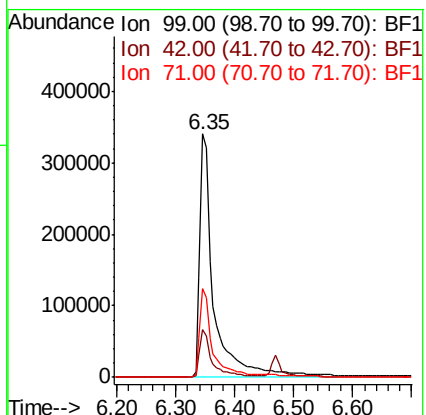
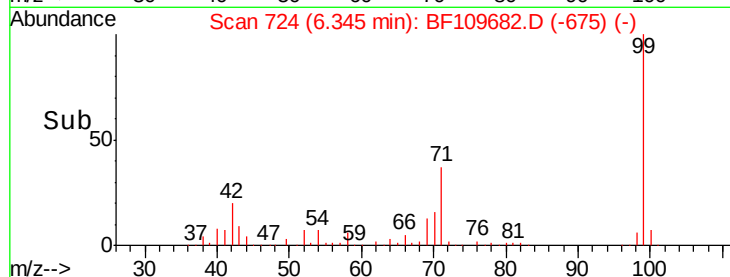
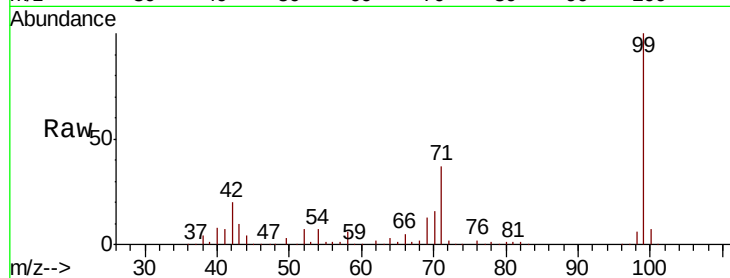
Tgt Ion: 99 Resp: 562859

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

71 36.6 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.602 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109682.D

Acq: 9 Oct 2018 7:56

Tgt Ion: 70 Resp: 46669

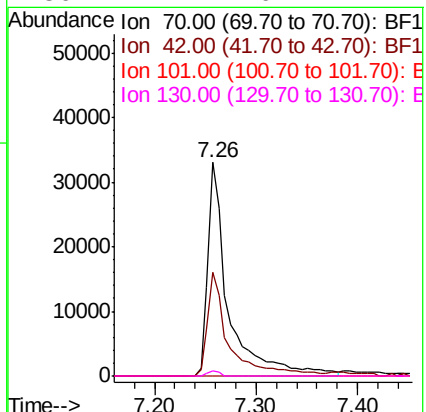
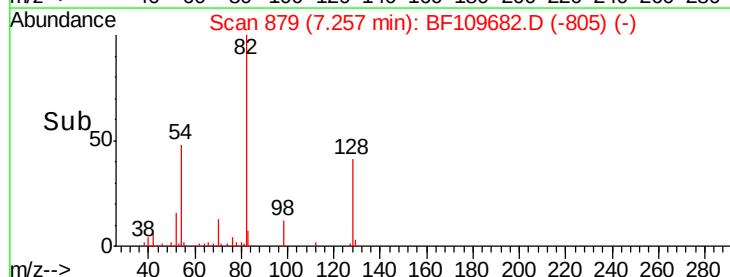
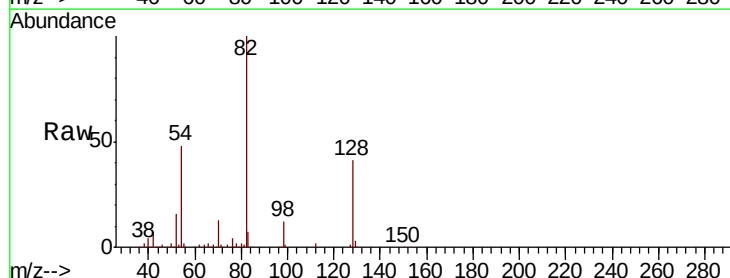
Ion Ratio Lower Upper

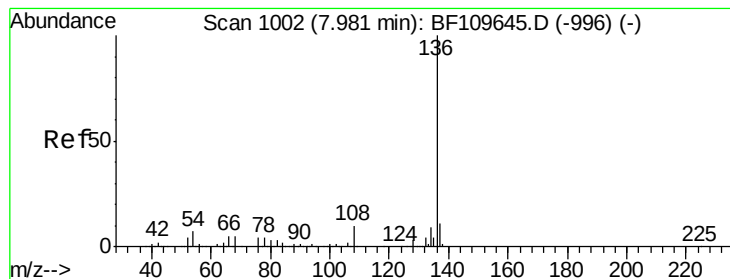
70 100

42 48.5 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109682.D

Acq: 9 Oct 2018 7:56

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 136 Resp: 354766

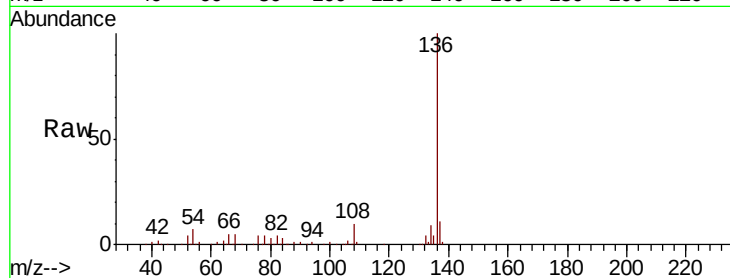
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.8 5.4 8.2

68 5.1 4.2 6.2

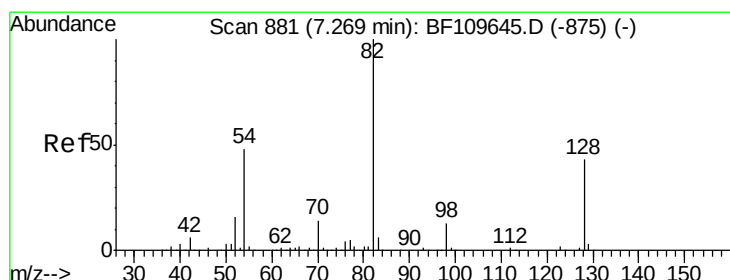
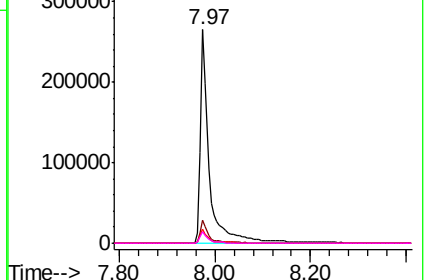
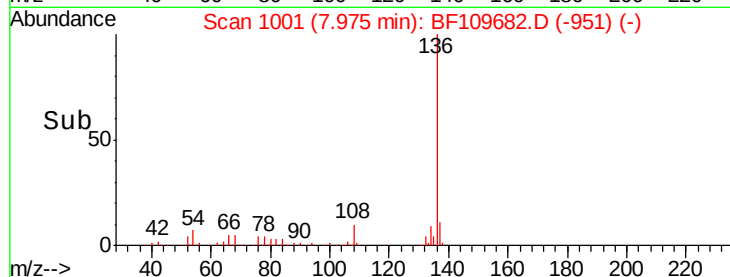


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.967 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109682.D

Acq: 9 Oct 2018 7:56

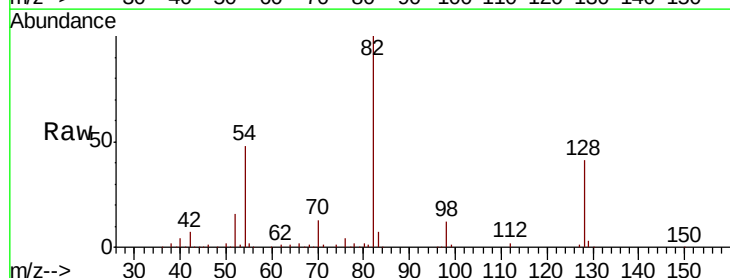
Tgt Ion: 82 Resp: 373068

Ion Ratio Lower Upper

82 100

128 41.4 34.2 51.2

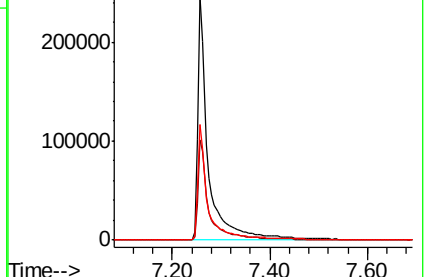
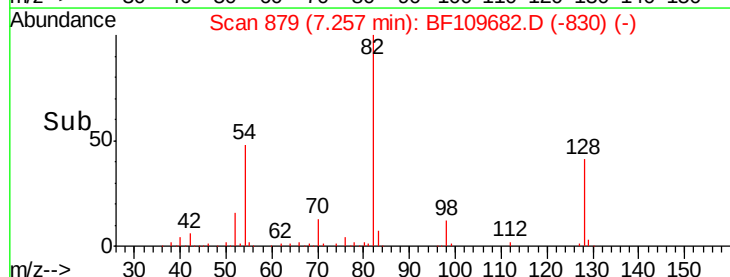
54 47.8 38.6 58.0

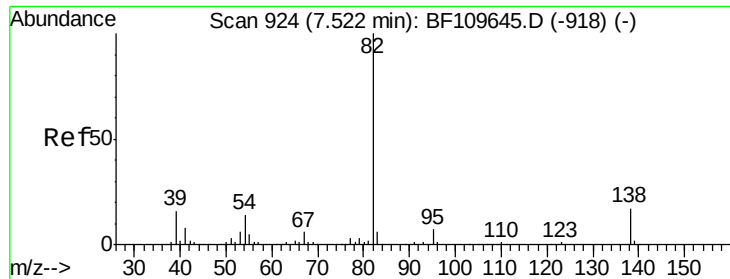


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.114 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109682.D

Acq: 9 Oct 2018 7:56

Instrument :

BNA_F

ClientSampleId :

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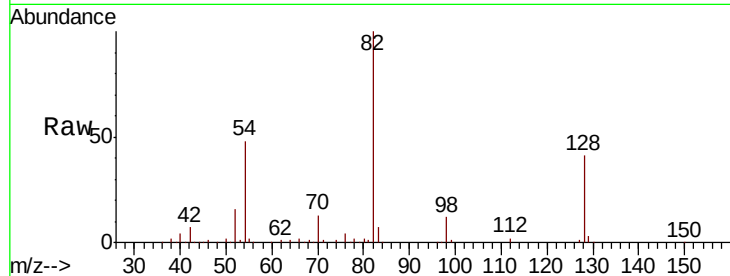
Tgt Ion: 82 Resp: 375267

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

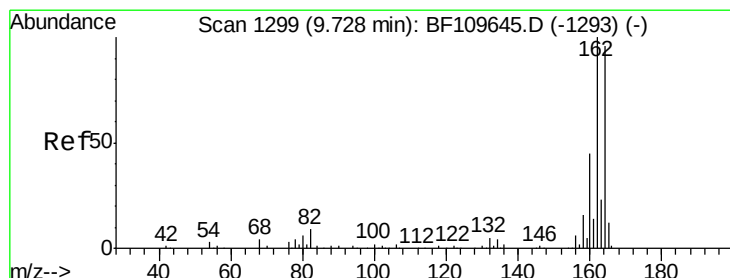
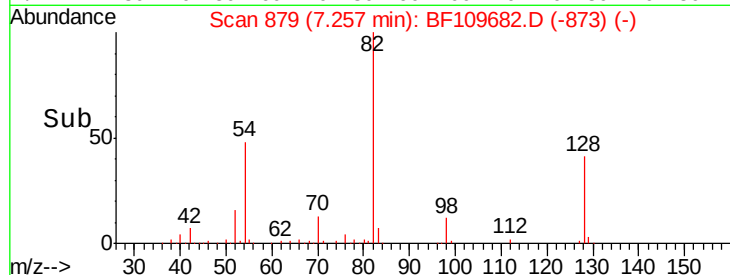
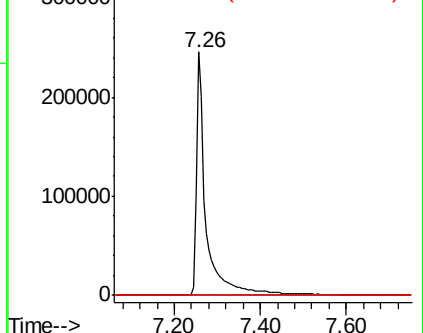
138 0.0 13.2 19.8#



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: BF109682.D

Acq: 9 Oct 2018 7:56

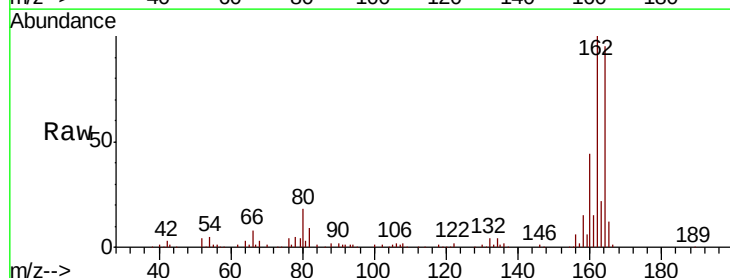
Tgt Ion: 164 Resp: 137924

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.6

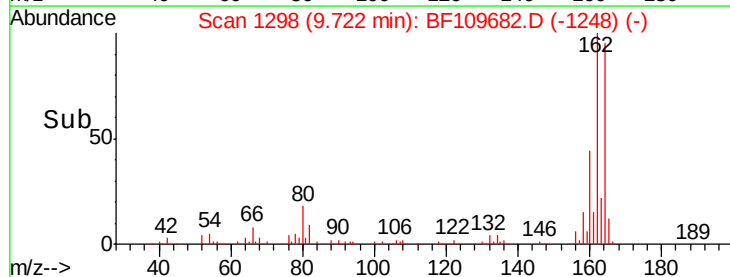
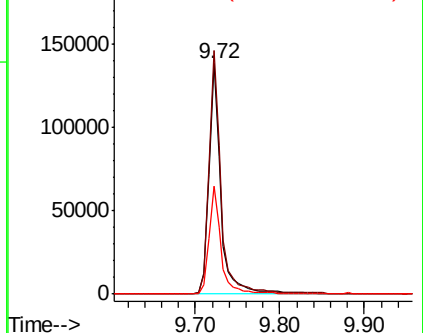
160 46.7 37.0 55.6

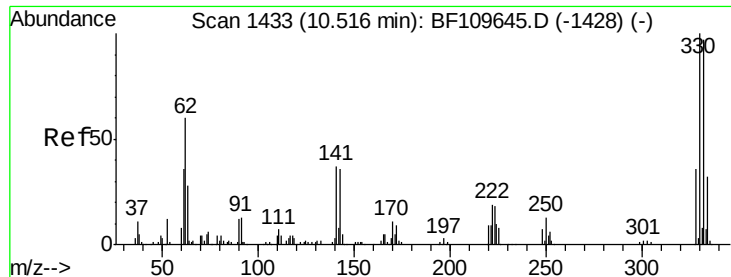


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

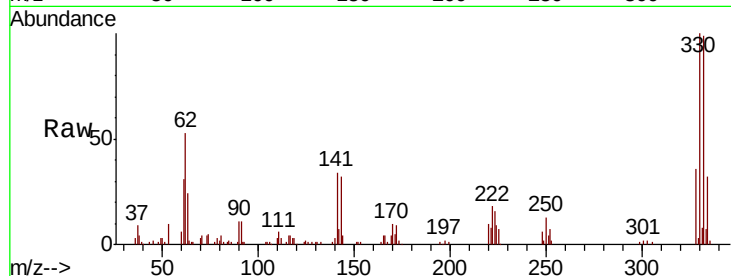




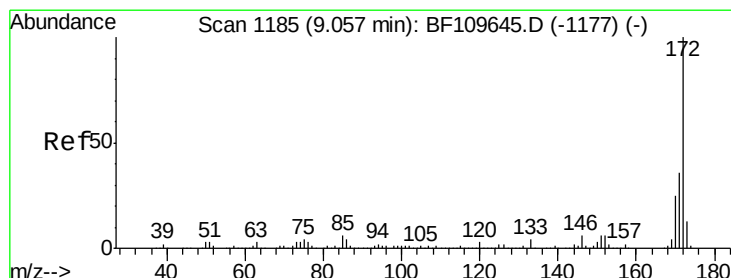
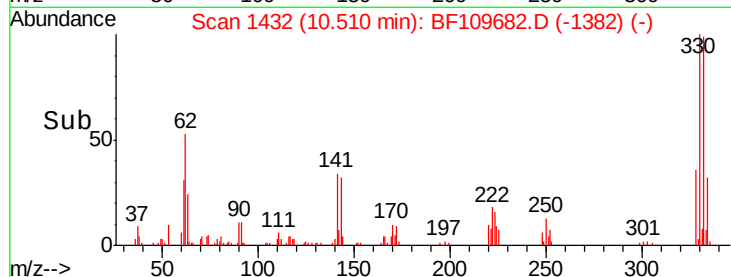
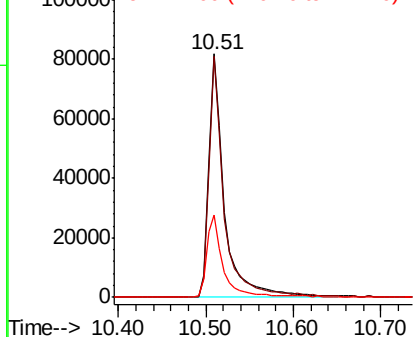
#41
 2,4,6-Tribromophenol
 Concen: 68.006 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109682.D
 Acq: 9 Oct 2018 7:56

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 BNA_F
 ClientSampled :
 S-11

Tgt Ion:330 Resp: 102202
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 34.8 27.0 40.4

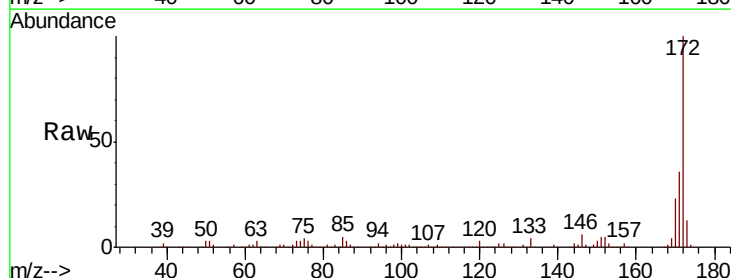


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

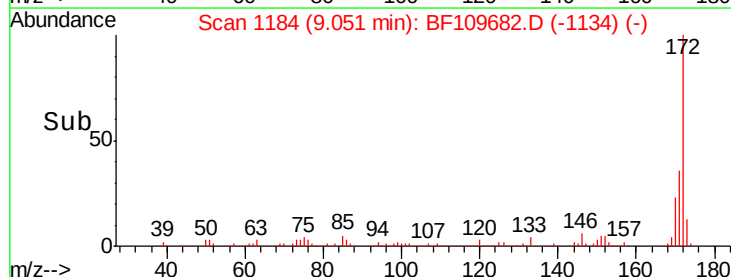
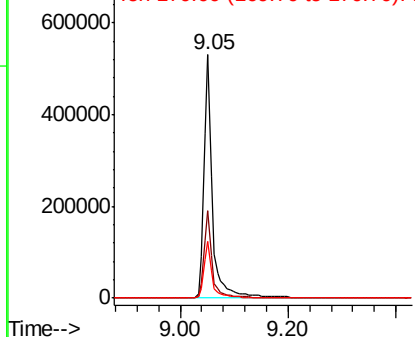


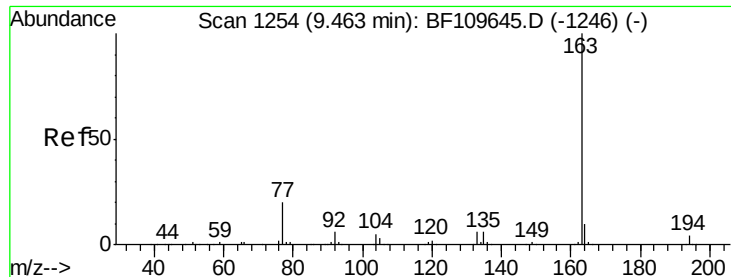
#44
 2-Fluorobiphenyl
 Concen: 57.861 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109682.D
 Acq: 9 Oct 2018 7:56

Tgt Ion:172 Resp: 579442
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.2 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

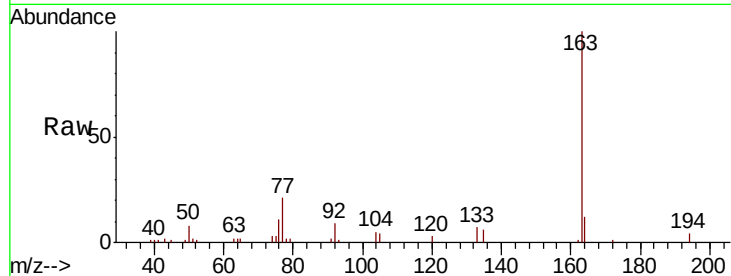




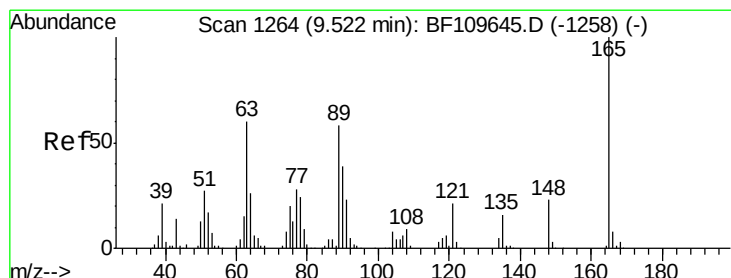
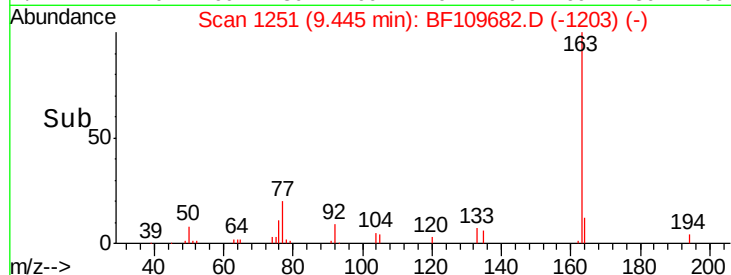
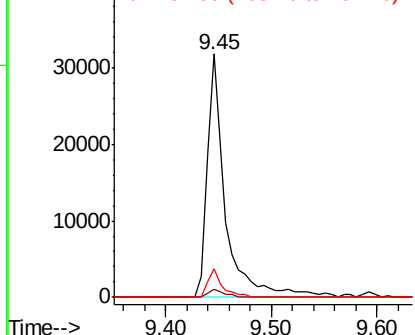
#49
Dimethylphthalate
Concen: 3.766 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109682.D
Acq: 9 Oct 2018 7:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 38093
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 11.5 8.1 12.1

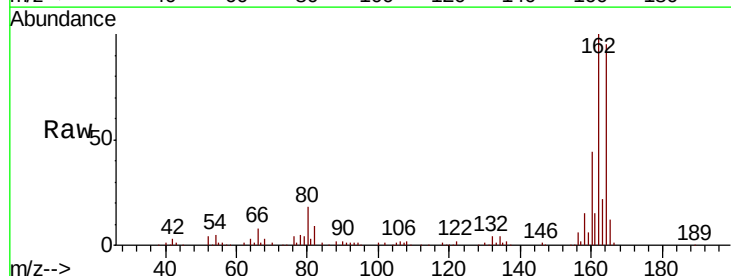


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

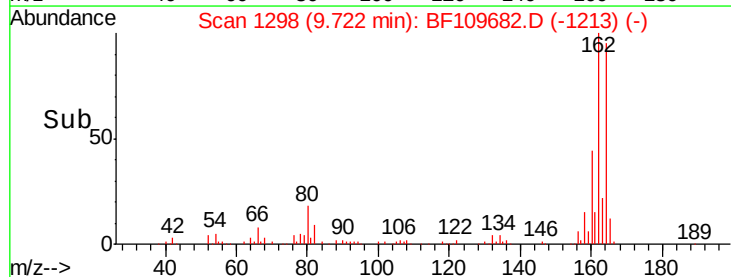
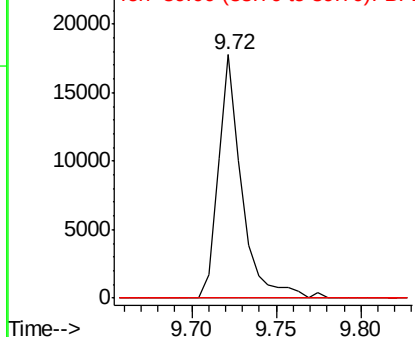


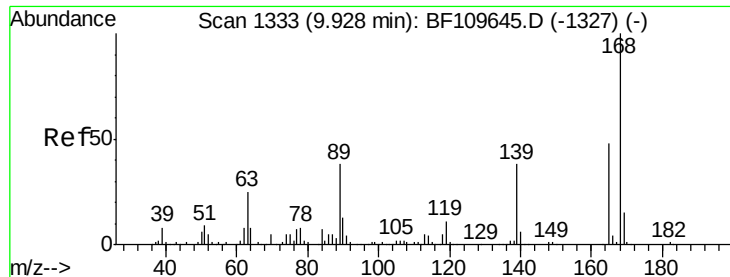
#50
2,6-Dinitrotoluene
Concen: 7.826 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109682.D
Acq: 9 Oct 2018 7:56

Tgt Ion:165 Resp: 17161
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 0.0 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

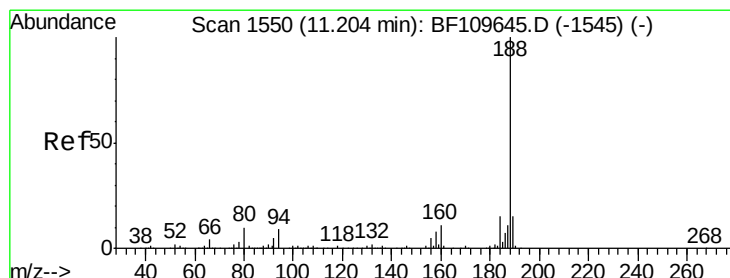
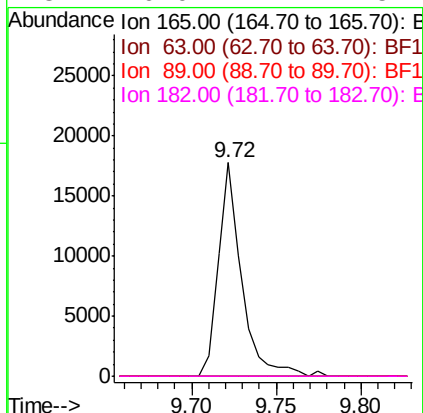
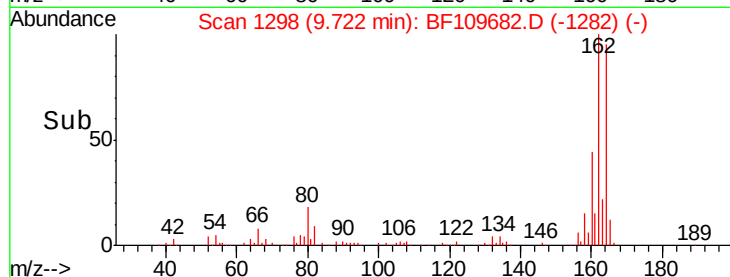
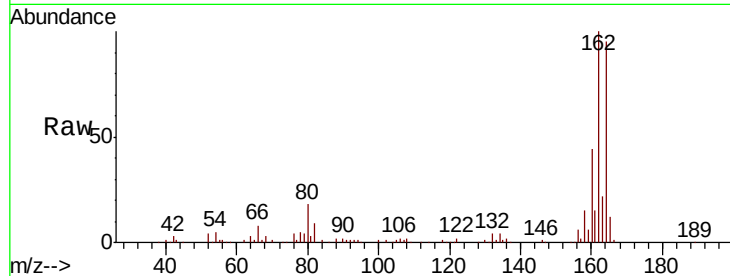




#56
 2,4-Dinitrotoluene
 Concen: 6.271 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109682.D
 Acq: 9 Oct 2018 7:56

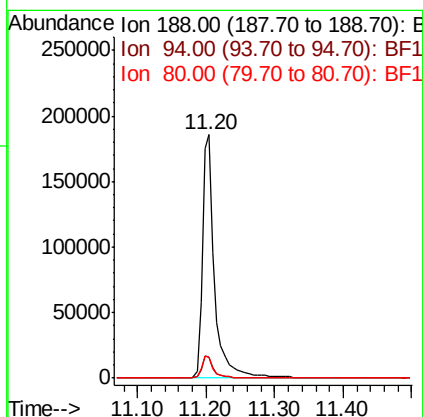
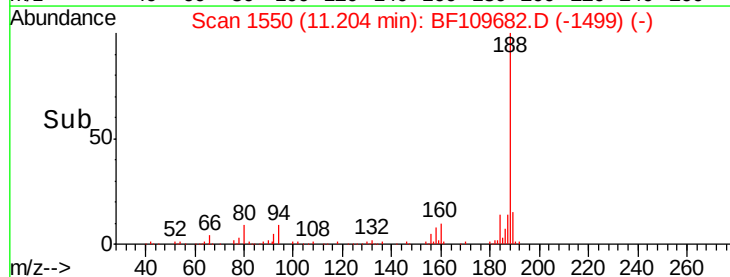
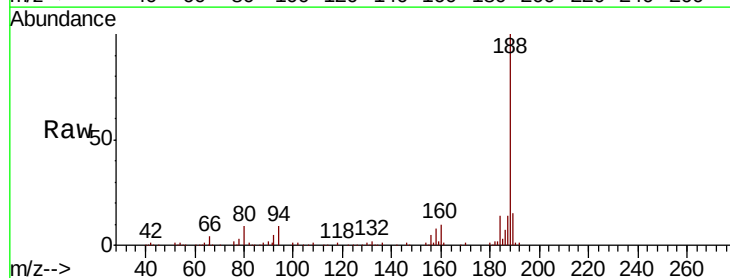
Instrument :
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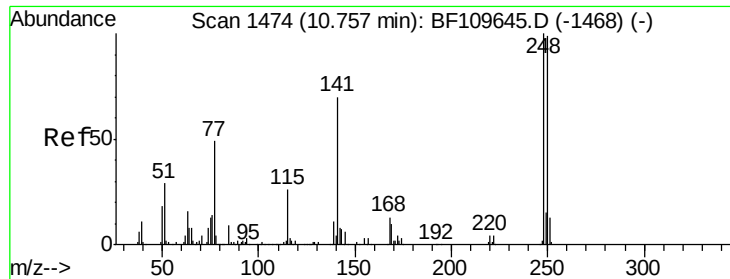
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF109682.D
 Acq: 9 Oct 2018 7:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.6	7.9	11.9

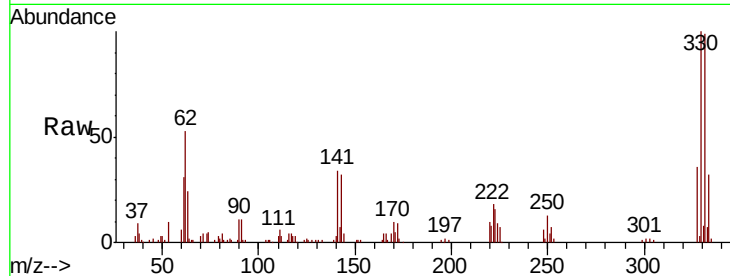




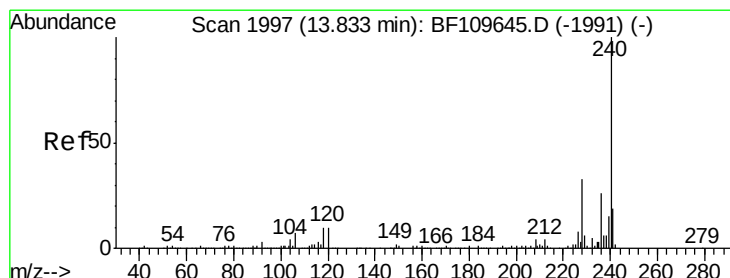
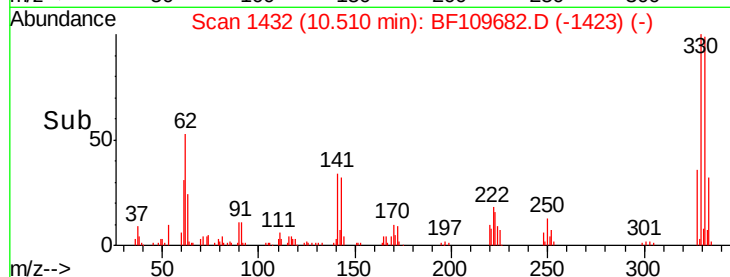
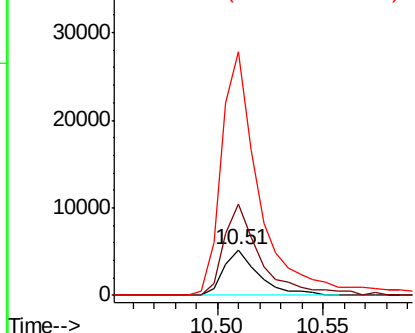
#66
4-Bromophenyl-phenylether
Concen: 2.195 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109682.D
Acq: 9 Oct 2018 7:56

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion: 248 Resp: 5890
Ion Ratio Lower Upper
248 100
250 203.2 79.4 119.2#
141 538.9 55.9 83.9#

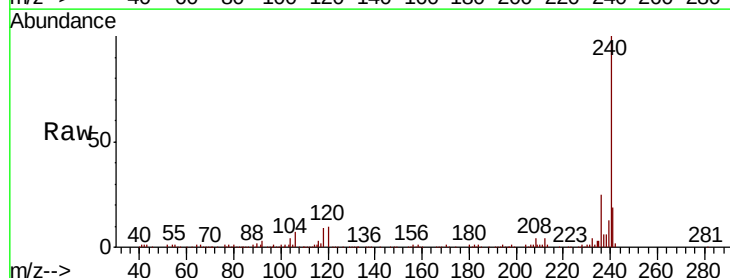


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

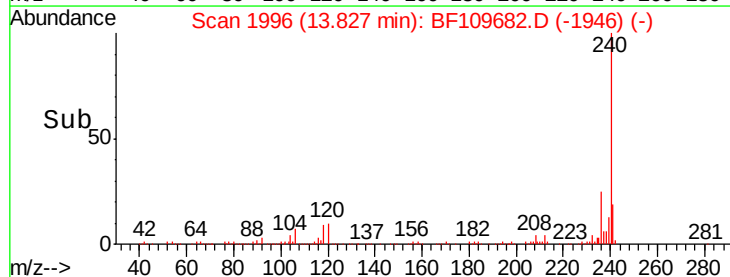
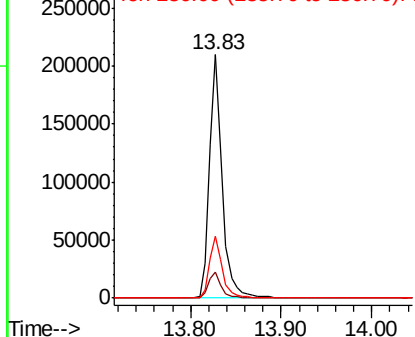


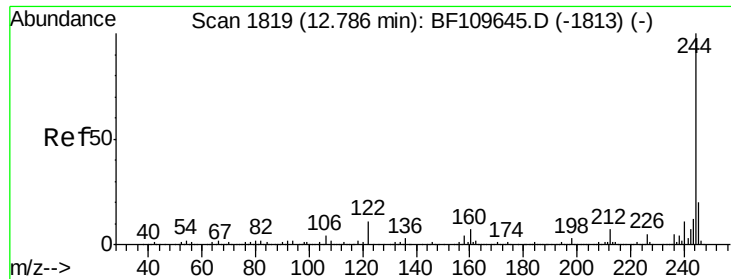
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109682.D
Acq: 9 Oct 2018 7:56

Tgt Ion: 240 Resp: 210142
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 25.3 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: 41.211 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109682.D

Acq: 9 Oct 2018 7:56

Instrument :

BNA_F

ClientSampleId :

S-11

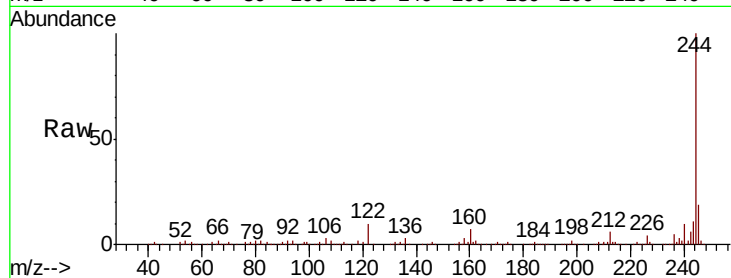
Tgt Ion:244 Resp: 447358

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

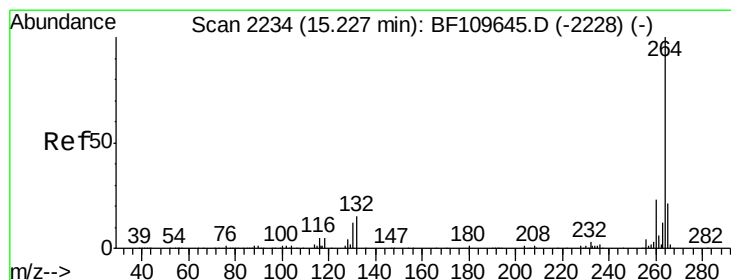
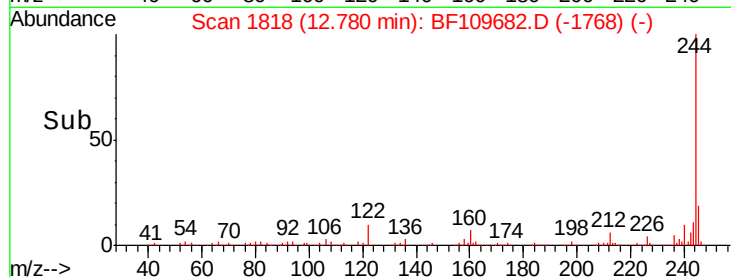
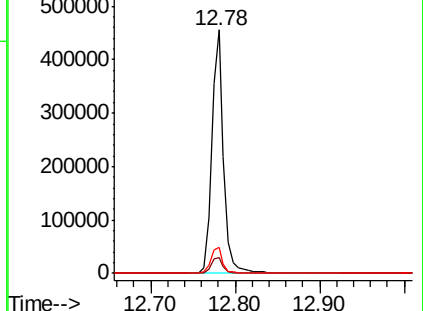
122 10.4 8.7 13.1



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: BF109682.D

Acq: 9 Oct 2018 7:56

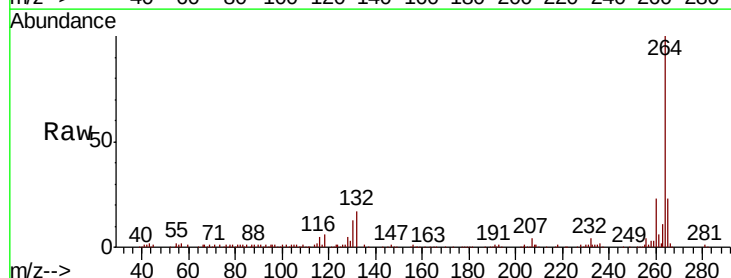
Tgt Ion:264 Resp: 165084

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.6 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

