

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109617.D
 Acq On : 5 Oct 2018 19:11
 Operator : JU/SJ
 Sample : J5244-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Oct 06 05:56:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	97963	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	371756	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	179368	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	333339	20.00	ng	0.00
75) Chrysene-d12	13.83	240	208746	20.00	ng	-0.01
86) Perylene-d12	15.23	264	220124	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	259994	43.71	ng	0.00
7) Phenol-d6	6.35	99	207374	27.32	ng	0.00
23) Nitrobenzene-d5	7.26	82	485485	77.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	191632	108.38	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	879700	73.97	ng	-0.02
78) Terphenyl-d14	12.79	244	746340	87.74	ng	-0.01

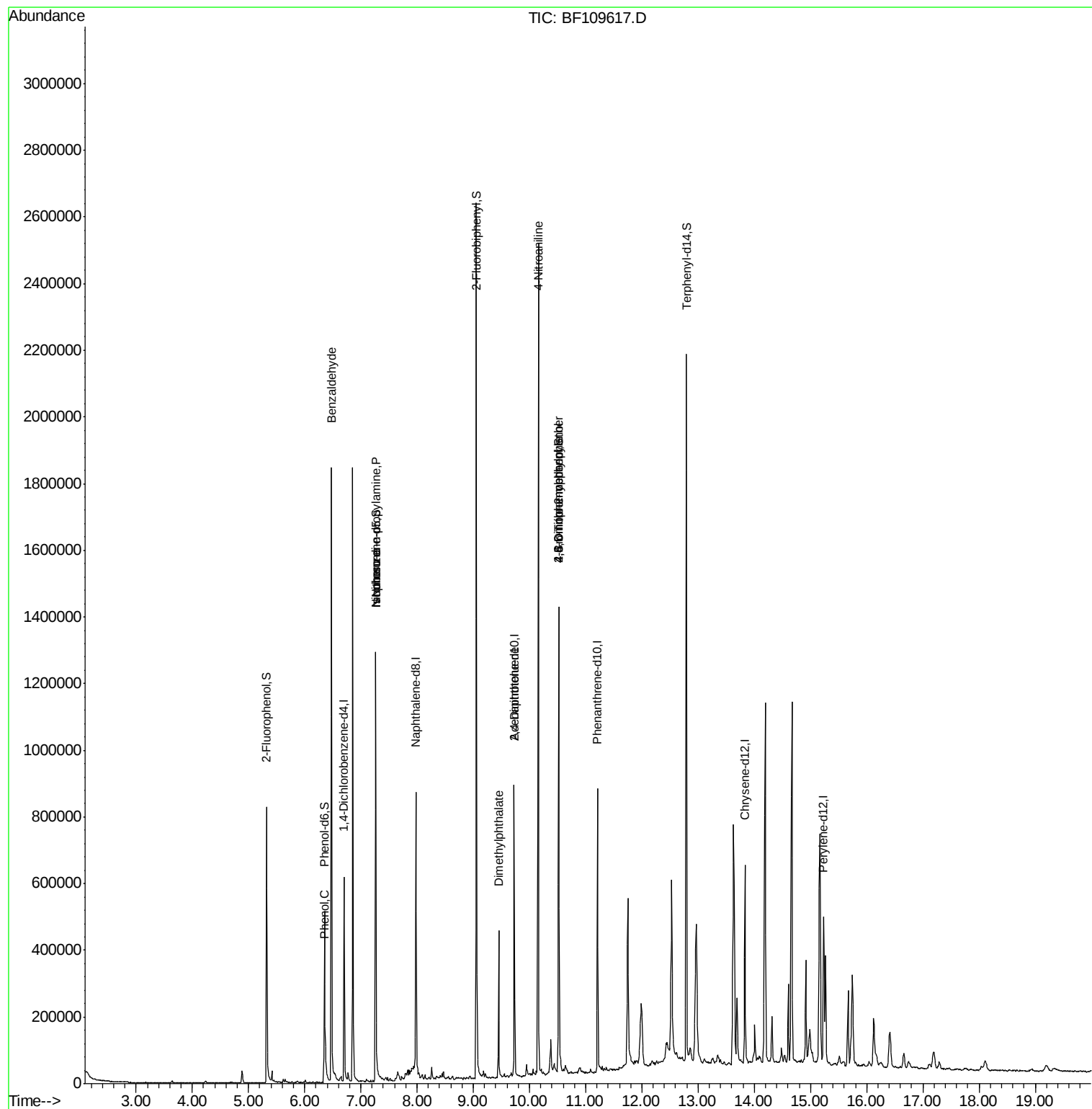
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	11860	2.433	ng	# 71
10) Phenol	6.36	94	22571	2.626	ng	# 85
19) n-Nitroso-di-n-propylamine	7.26	70	64939	13.058	ng	# 76
25) Isophorone	7.26	82	464200	40.934	ng	# 64
49) Dimethylphthalate	9.45	163	167422	12.833	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	23211	7.100	ng	# 23
61) 4-Nitroaniline	10.16	138	15584	5.340	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	312	6.722	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11580	3.128	ng	# 1

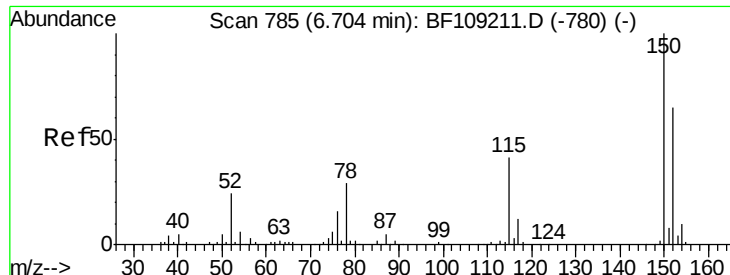
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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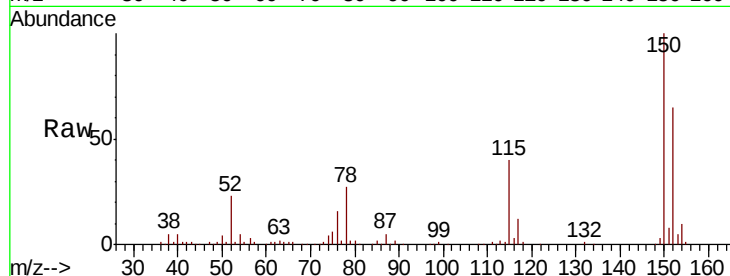




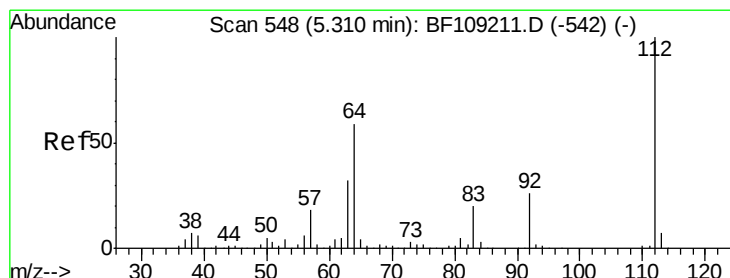
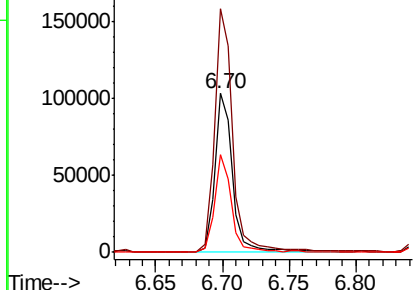
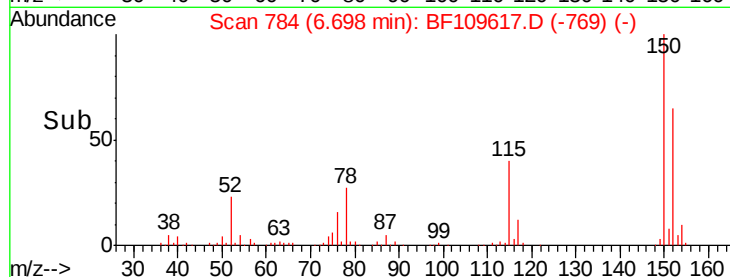
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF109617.D
 Acq: 5 Oct 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:152 Resp: 97963
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 61.4 50.1 75.1

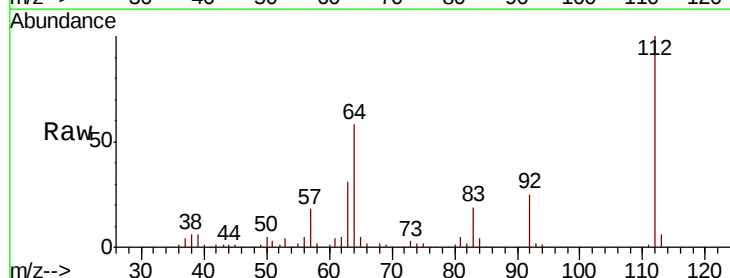


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

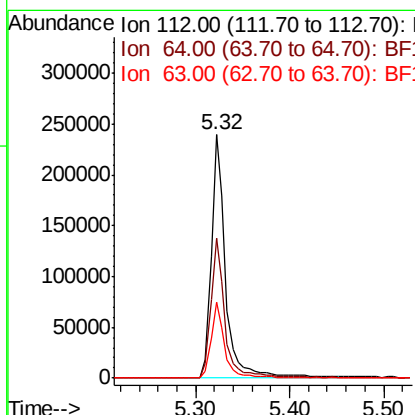
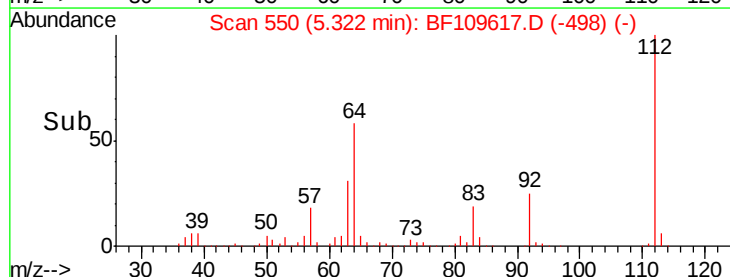


#5
 2-Fluorophenol
 Concen: 43.713 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109617.D
 Acq: 5 Oct 2018 19:11

Tgt Ion:112 Resp: 259994
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.9 71.9
 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: 27.324 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109617.D

Acq: 5 Oct 2018 19:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

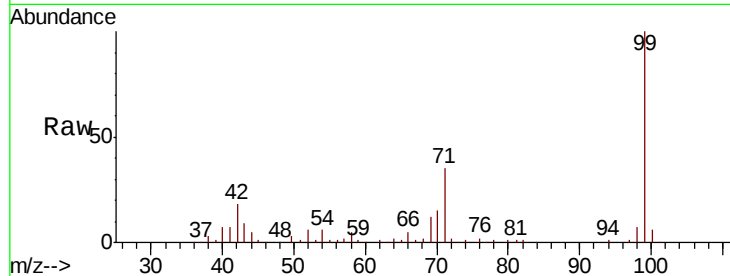
Tgt Ion: 99 Resp: 207374

Ion Ratio Lower Upper

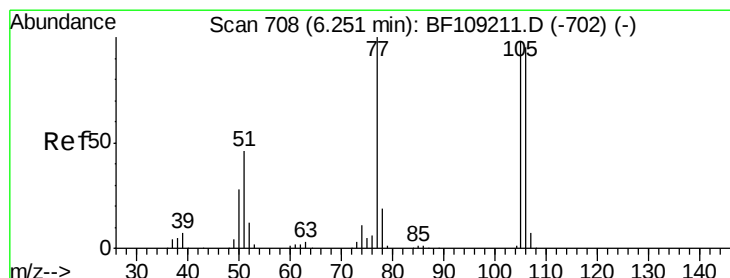
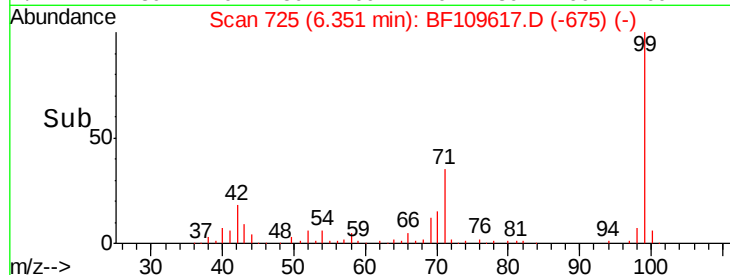
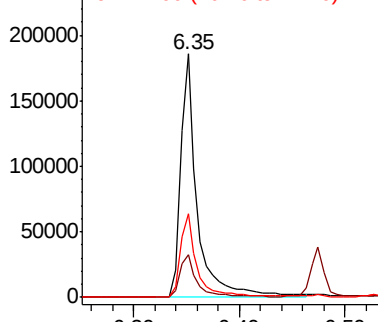
99 100

42 17.6 14.5 21.7

71 34.6 25.4 38.0



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: 2.433 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109617.D

Acq: 5 Oct 2018 19:11

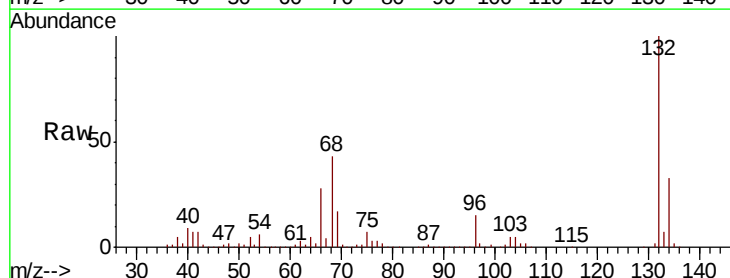
Tgt Ion: 77 Resp: 11860

Ion Ratio Lower Upper

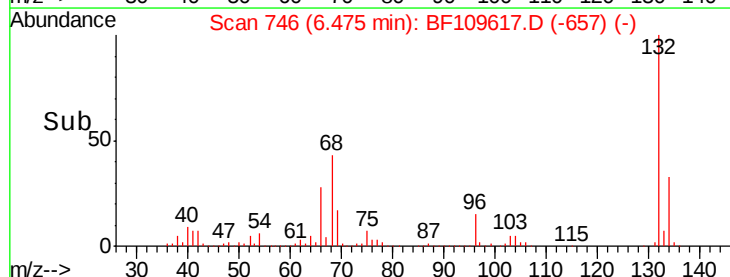
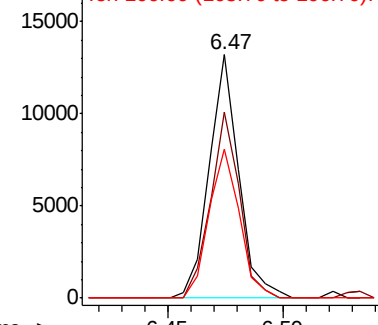
77 100

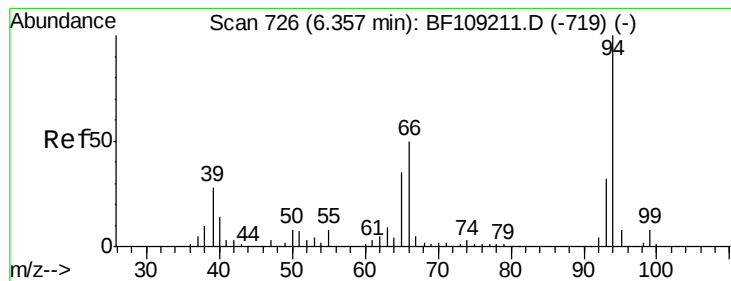
105 76.4 81.1 121.1#

106 61.2 74.5 114.5#



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





#10

Phenol

Concen: 2.626 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109617.D

Acq: 5 Oct 2018 19:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

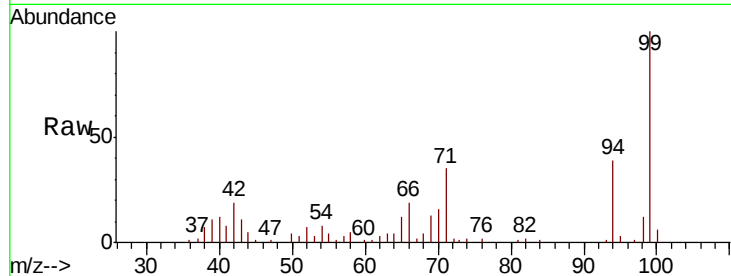
Tgt Ion: 94 Resp: 22571

Ion Ratio Lower Upper

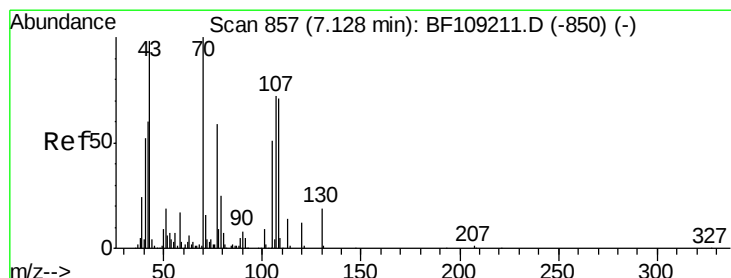
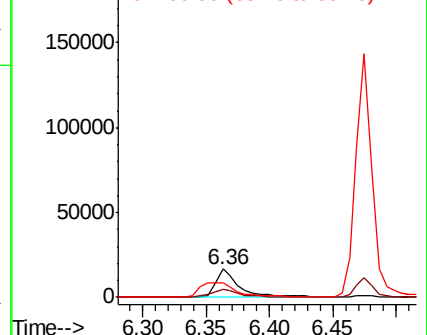
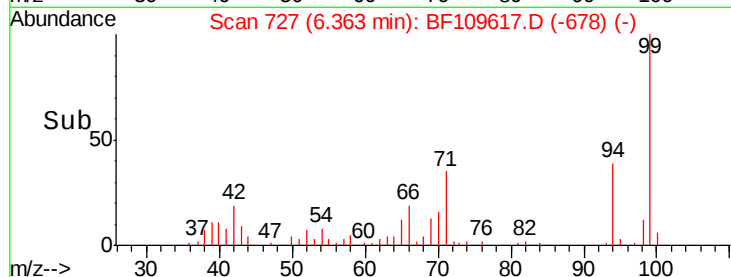
94 100

65 30.6 7.9 47.9

66 49.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.058 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109617.D

Acq: 5 Oct 2018 19:11

Tgt Ion: 70 Resp: 64939

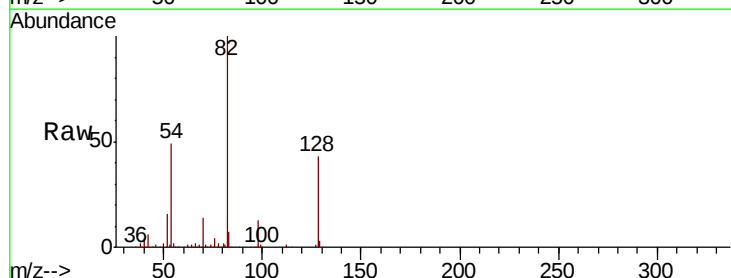
Ion Ratio Lower Upper

70 100

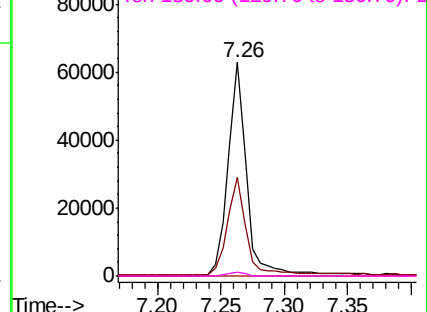
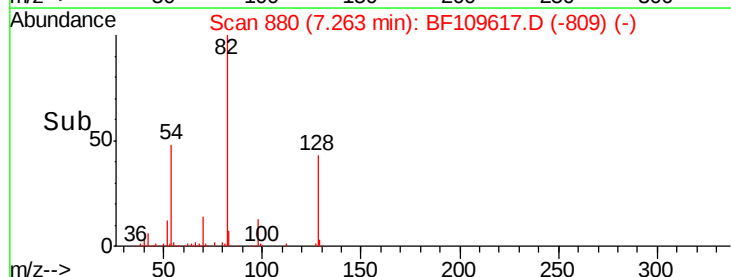
42 46.4 47.5 71.3#

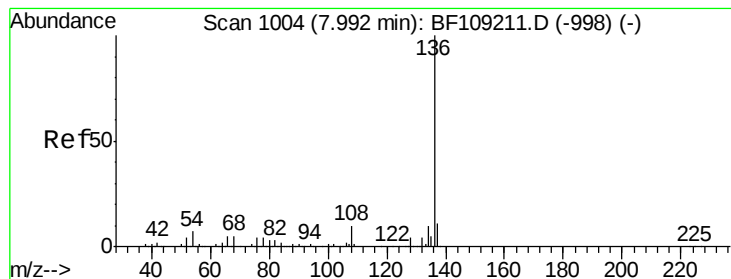
101 0.0 7.4 11.2#

130 1.8 16.6 25.0#



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109617.D

Acq: 5 Oct 2018 19:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:136 Resp: 371756

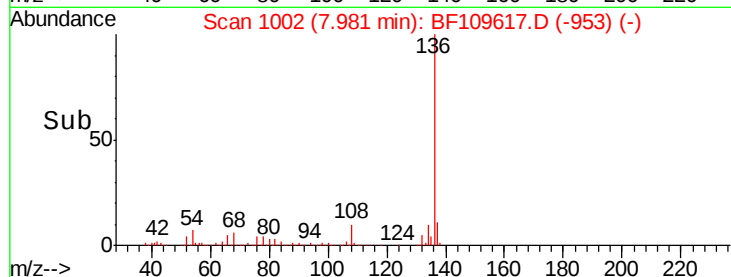
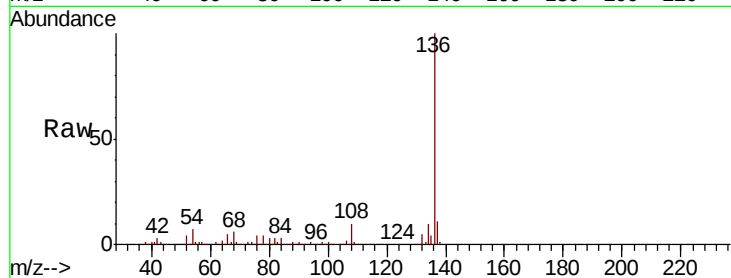
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.2 6.6 9.8

68 5.7 5.0 7.4

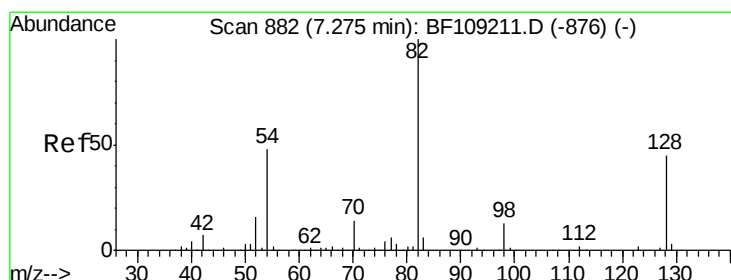
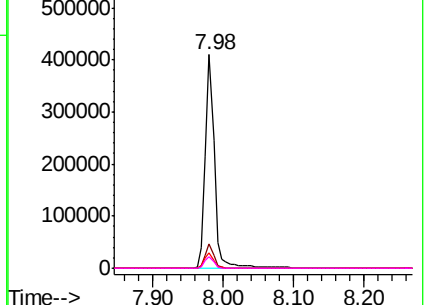


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.091 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109617.D

Acq: 5 Oct 2018 19:11

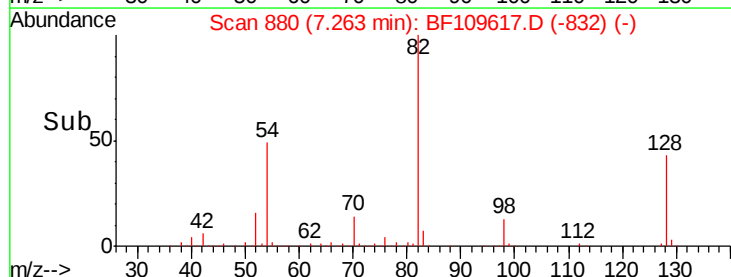
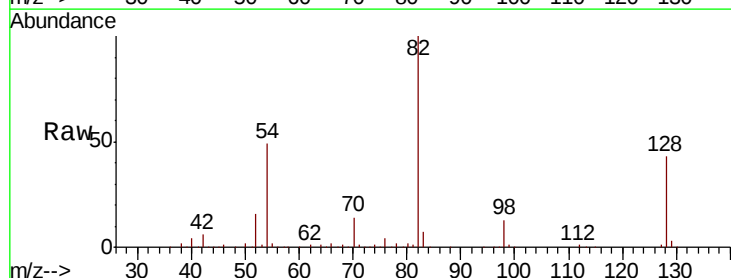
Tgt Ion: 82 Resp: 485485

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

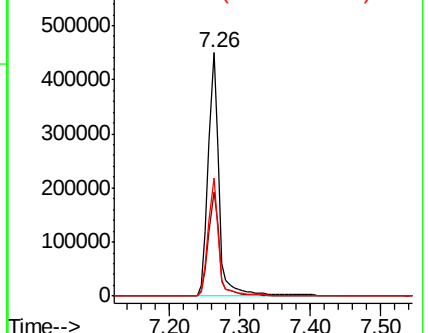
54 48.6 41.4 62.2

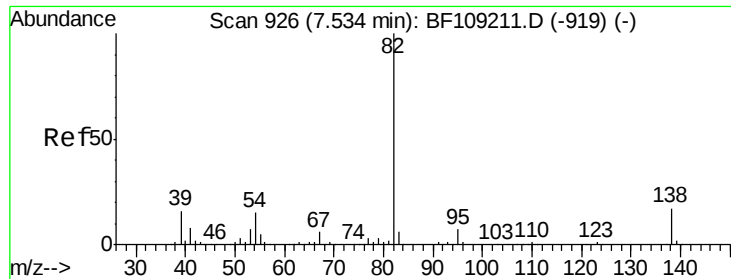


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.934 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109617.D

Acq: 5 Oct 2018 19:11

Instrument :

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DFTPP

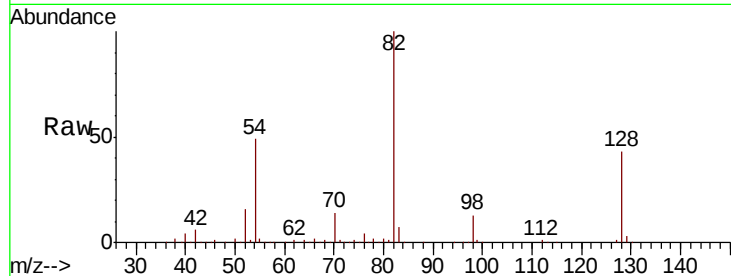
Tgt Ion: 82 Resp: 464200

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

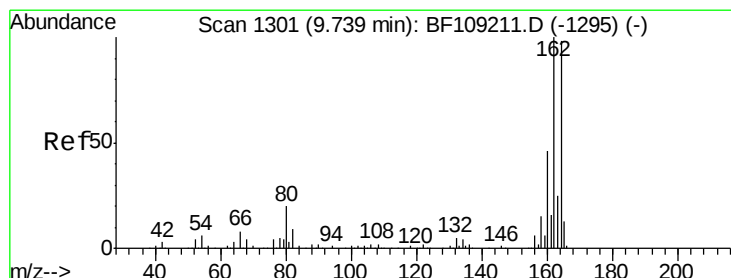
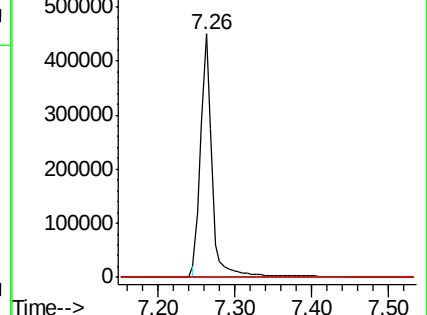
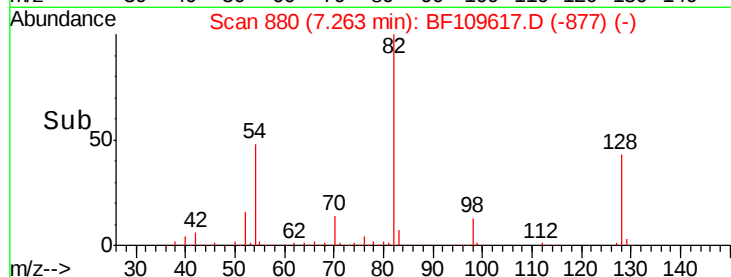
138 0.0 14.9 22.3#



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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109617.D

Acq: 5 Oct 2018 19:11

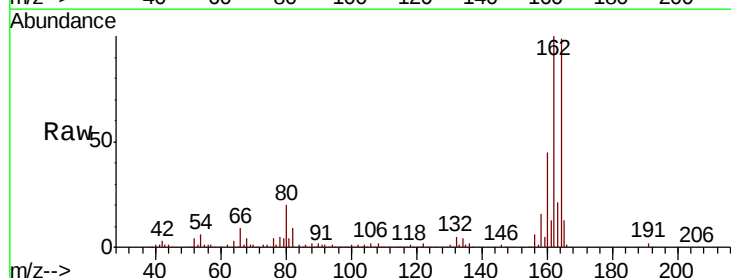
Tgt Ion: 164 Resp: 179368

Ion Ratio Lower Upper

164 100

162 100.8 86.1 129.1

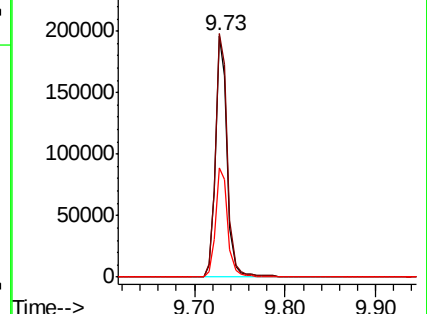
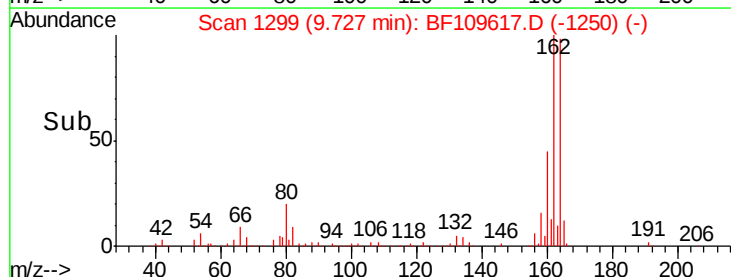
160 45.1 38.3 57.5

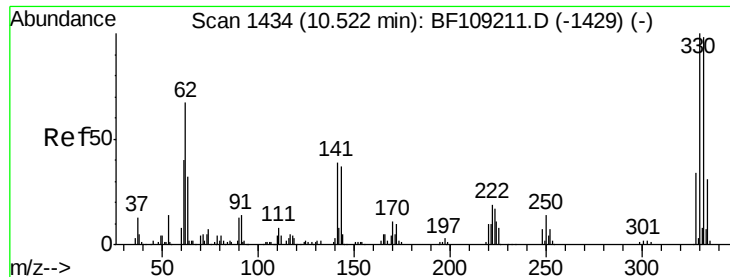


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

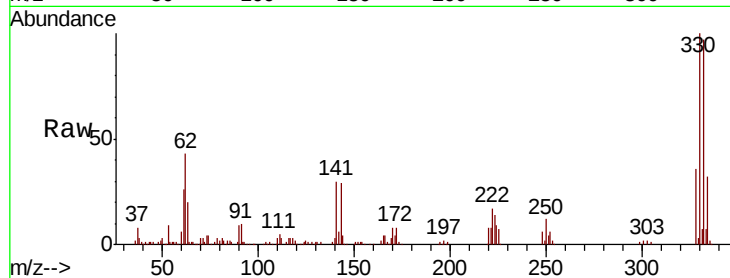




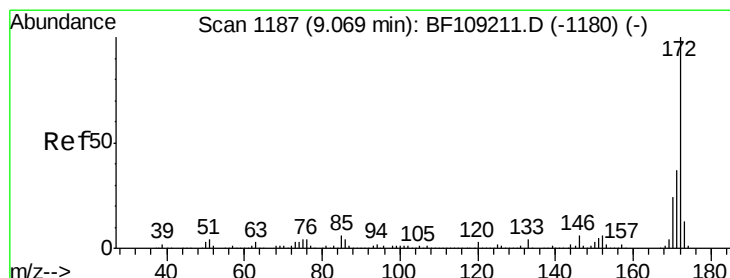
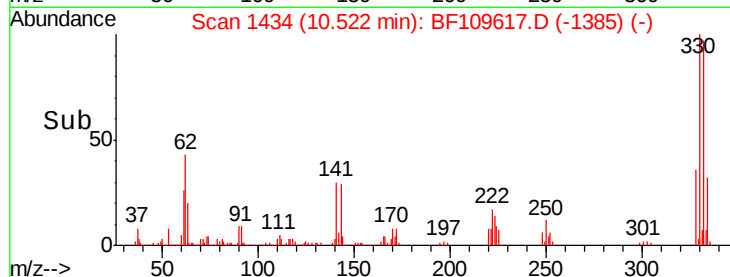
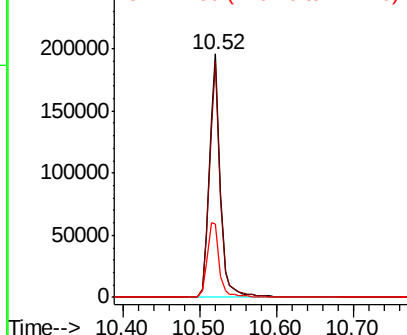
#41
 2,4,6-Tribromophenol
 Concen: 108.377 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109617.D
 Acq: 5 Oct 2018 19:11

Instrument :
 BNA_F
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 DFTPP

Tgt Ion:330 Resp: 191632
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 34.4 29.9 44.9

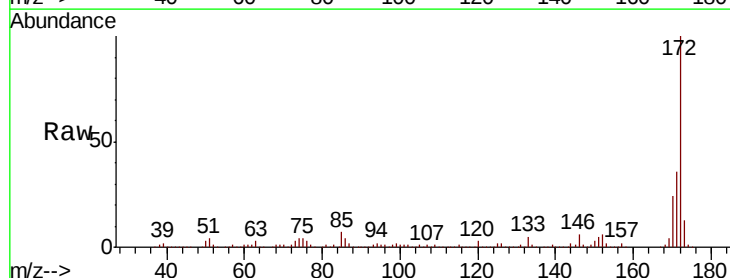


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

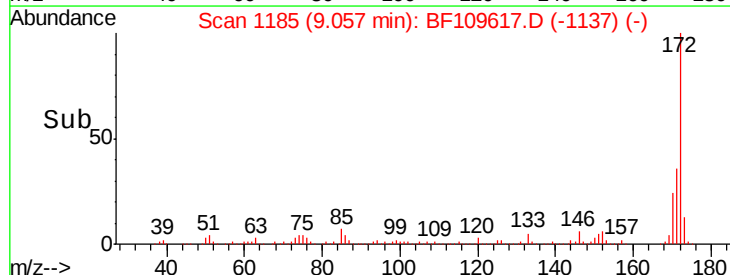
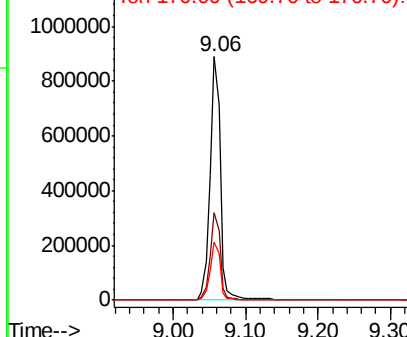


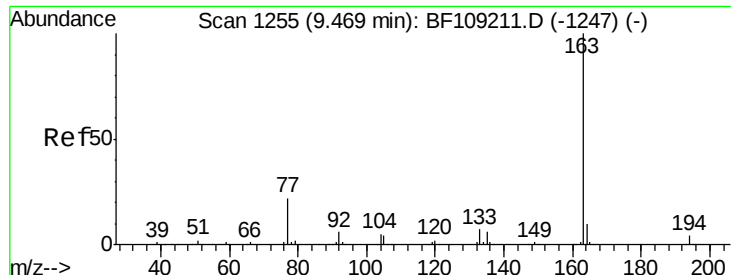
#44
 2-Fluorobiphenyl
 Concen: 73.968 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109617.D
 Acq: 5 Oct 2018 19:11

Tgt Ion:172 Resp: 879700
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.9 19.6 29.4



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

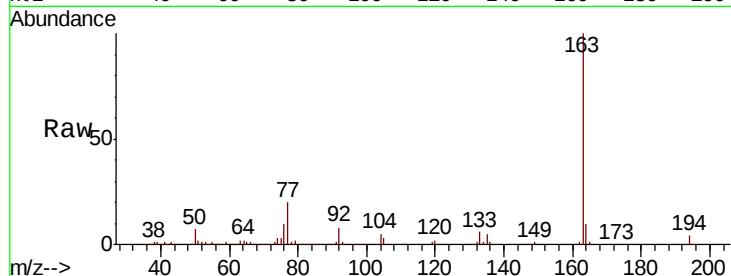




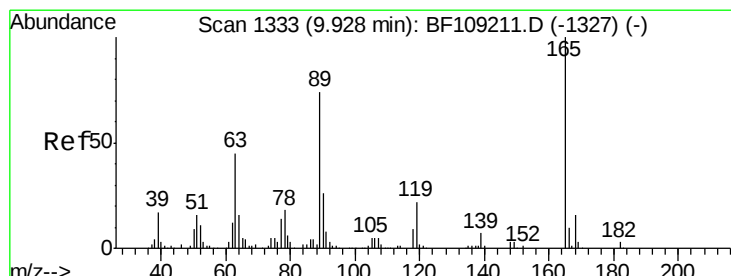
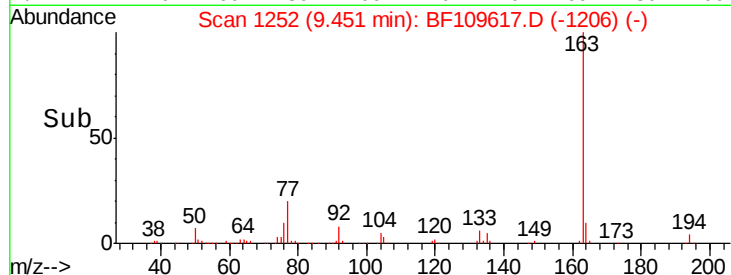
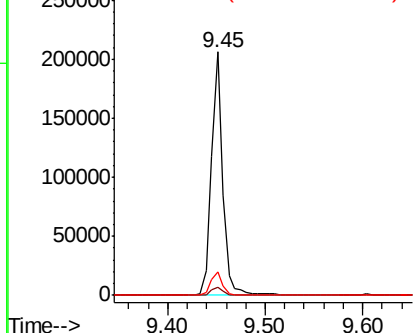
#49
Dimethylphthalate
Concen: 12.833 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109617.D
Acq: 5 Oct 2018 19:11

Instrument :
BNA_F
ClientSampled :
DFTPP

Tgt Ion:163 Resp: 167422
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 8.2 12.2

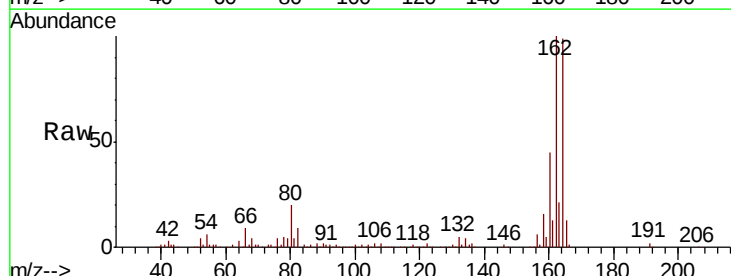


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

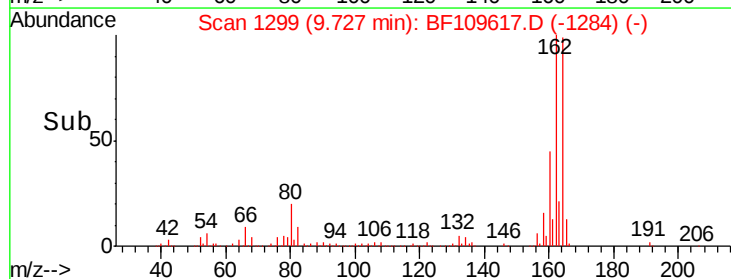
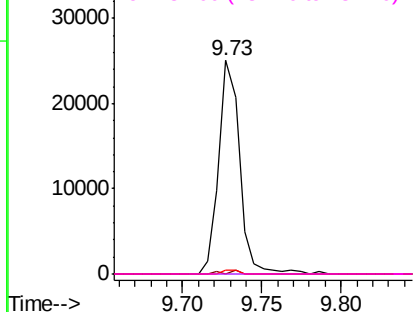


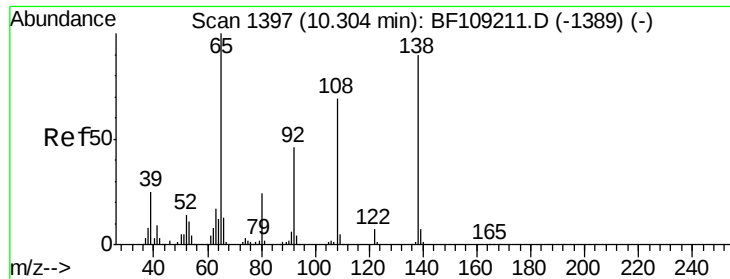
#56
2,4-Dinitrotoluene
Concen: 7.100 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109617.D
Acq: 5 Oct 2018 19:11

Tgt Ion:165 Resp: 23211
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.8 57.8 86.6#
182 0.0 1.6 2.4#



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

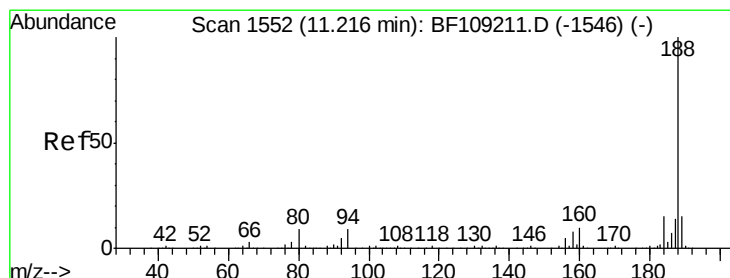
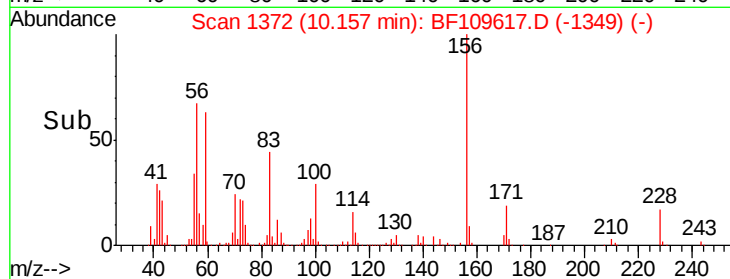
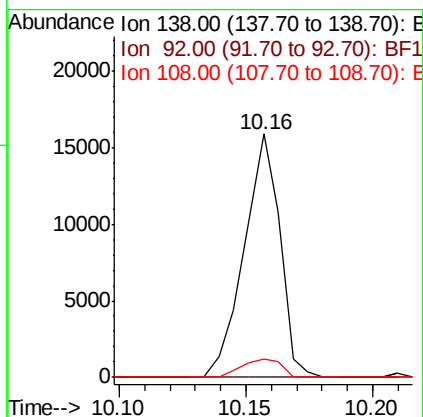
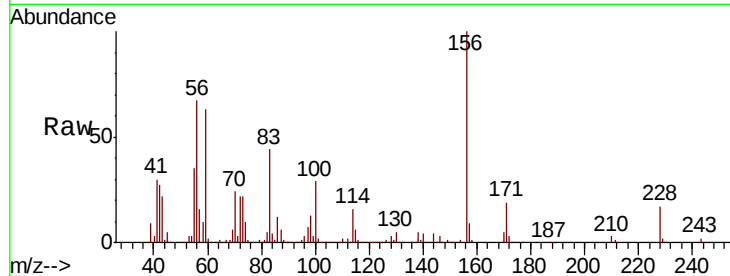




#61
4-Nitroaniline
Concen: 5.340 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.16 min
Lab File: BF109617.D
Acq: 5 Oct 2018 19:11

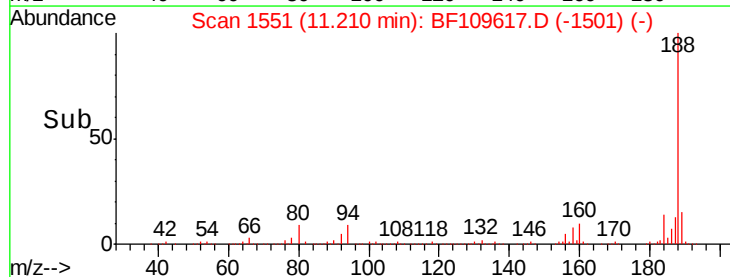
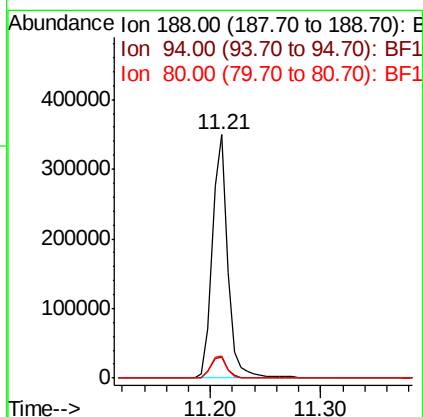
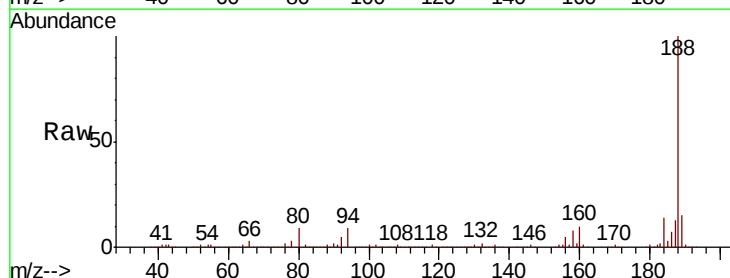
Instrument :
BNA_F
ClientSampleId :
DFTPP

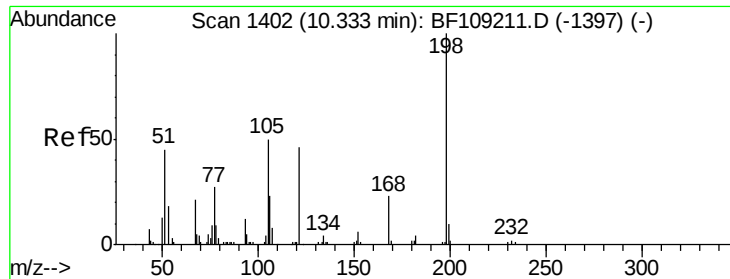
Tgt Ion:138 Resp: 15584
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 7.7 52.5 92.5#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109617.D
Acq: 5 Oct 2018 19:11

Tgt Ion:188 Resp: 333339
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.2 9.2 13.8#

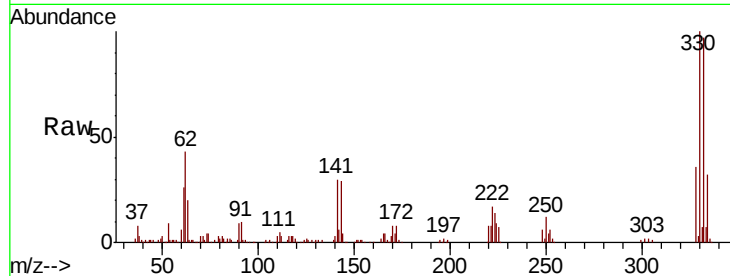




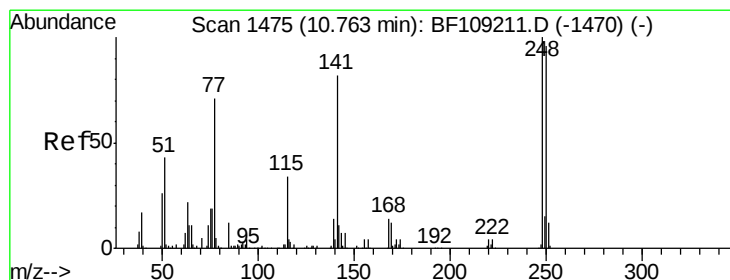
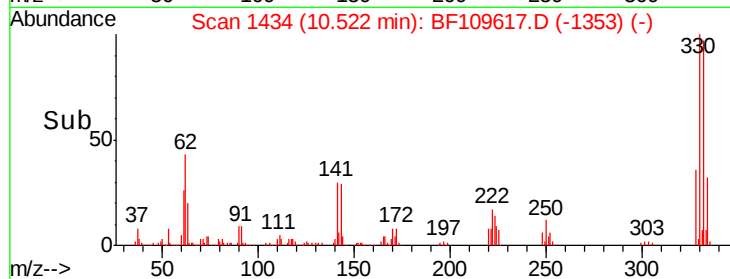
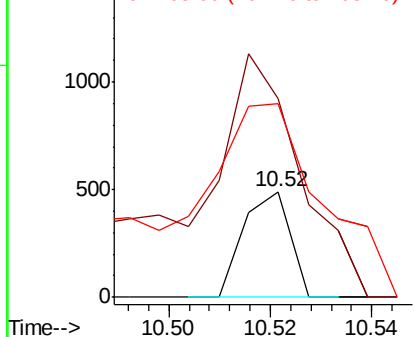
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.722 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109617.D
 Acq: 5 Oct 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:198 Resp: 312
 Ion Ratio Lower Upper
 198 100
 51 188.6 37.7 77.7#
 105 183.1 36.3 76.3#

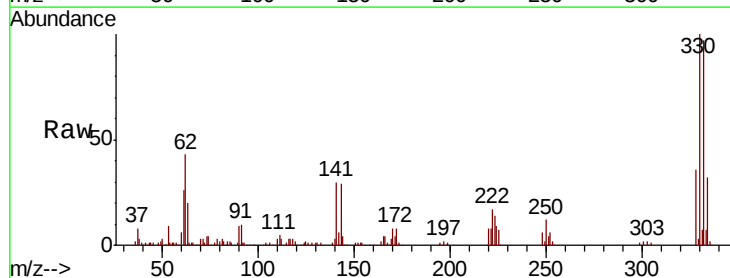


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

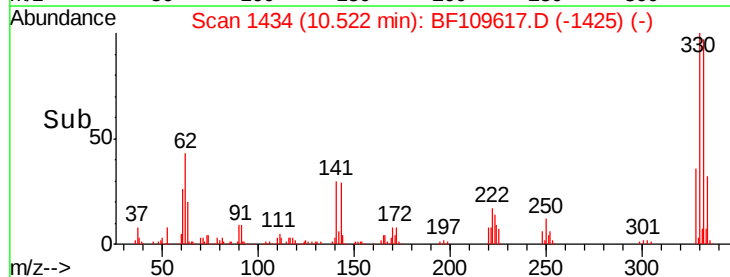
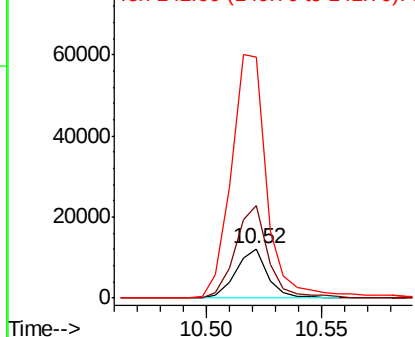


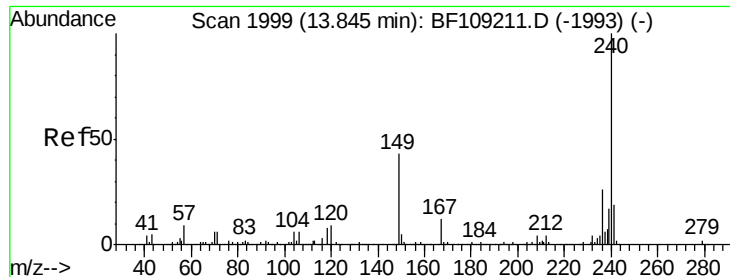
#66
 4-Bromophenyl-phenylether
 Concen: 3.128 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109617.D
 Acq: 5 Oct 2018 19:11

Tgt Ion:248 Resp: 11580
 Ion Ratio Lower Upper
 248 100
 250 188.0 76.9 115.3#
 141 489.3 74.4 111.6#



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# 1997

Delta R.T. -0.01 min

Lab File: BF109617.D

Acq: 5 Oct 2018 19:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

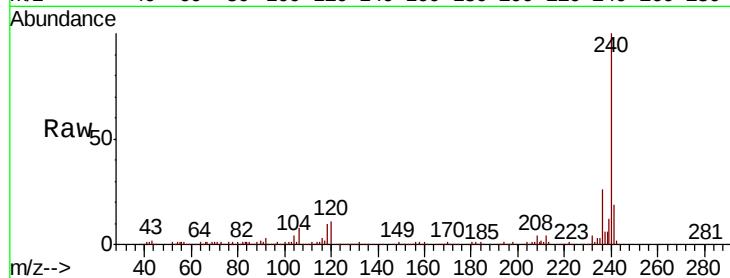
Tgt Ion:240 Resp: 208746

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

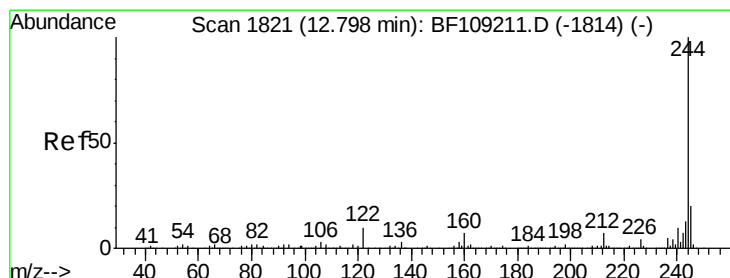
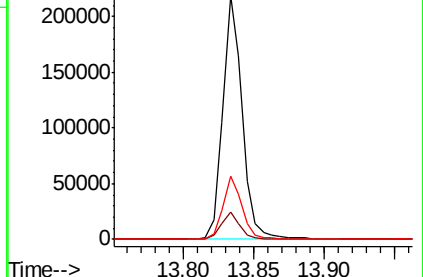
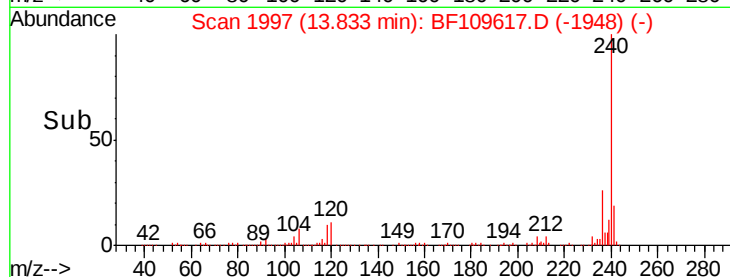
236 25.8 20.7 31.1



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: 87.745 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109617.D

Acq: 5 Oct 2018 19:11

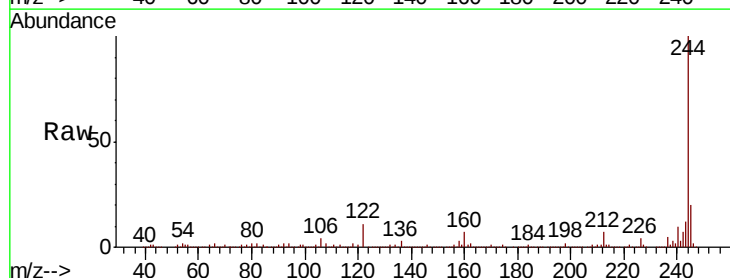
Tgt Ion:244 Resp: 746340

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

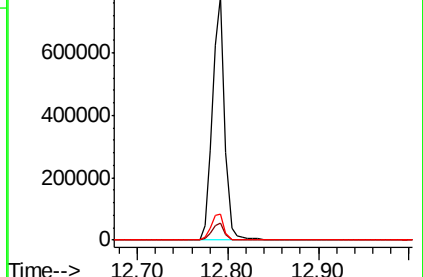
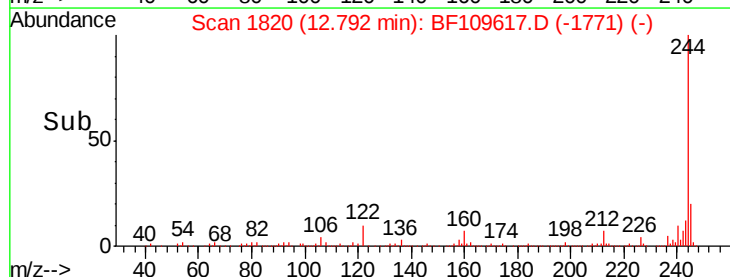
122 10.5 11.0 16.4#

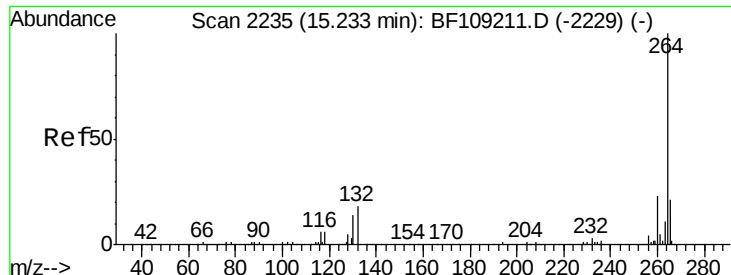


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2235
Delta R.T. -0.01 min
Lab File: BF109617.D
Acq: 5 Oct 2018 19:11

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3

