

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109912.D
 Acq On : 16 Oct 2018 18:20
 Operator : JU/SJ
 Sample : J5513-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 03:52:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	220317	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	812713	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	329188	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	513019	20.00	ng	0.00
76) Chrysene-d12	14.16	240	532592	20.00	ng	0.00
87) Perylene-d12	15.68	264	531849	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1492435	107.38	ng	0.00
7) Phenol-d6	6.60	99	1865146	108.07	ng	0.00
23) Nitrobenzene-d5	7.54	82	1137217	94.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	304049	106.68	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1764785	85.54	ng	0.00
79) Terphenyl-d14	13.10	244	1408294	55.53	ng	0.00

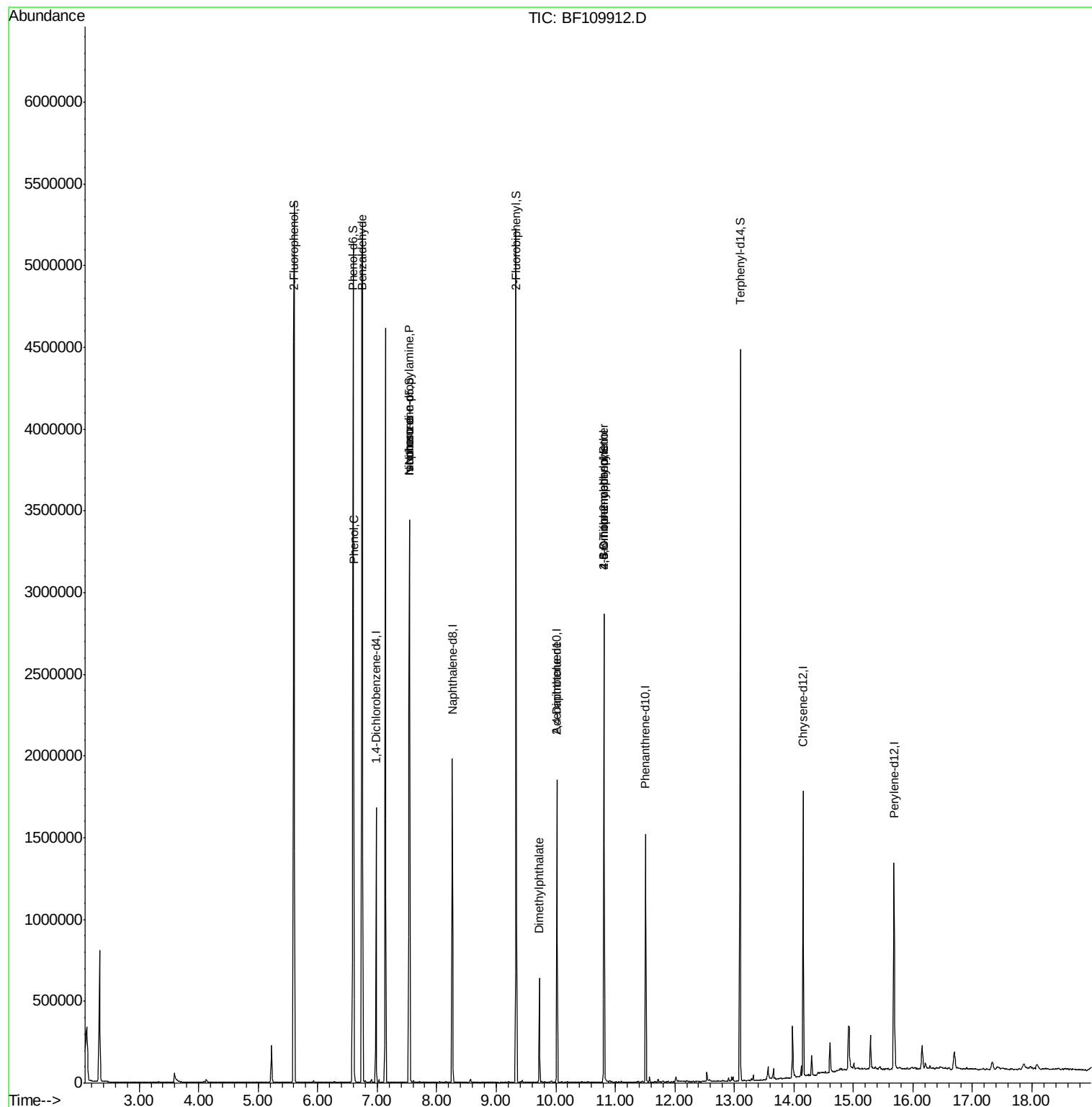
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	34177	3.047	ng	85
10) Phenol	6.61	94	90778	4.872	ng	# 60
19) n-Nitroso-di-n-propylamine	7.54	70	149367	13.479	ng	# 81
25) Isophorone	7.54	82	1137199	47.972	ng	# 67
50) Dimethylphthalate	9.73	163	256911	11.022	ng	99
57) 2,4-Dinitrotoluene	10.02	165	42330	11.429	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.81	198	826	8.276	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	19305	3.472	ng	# 1

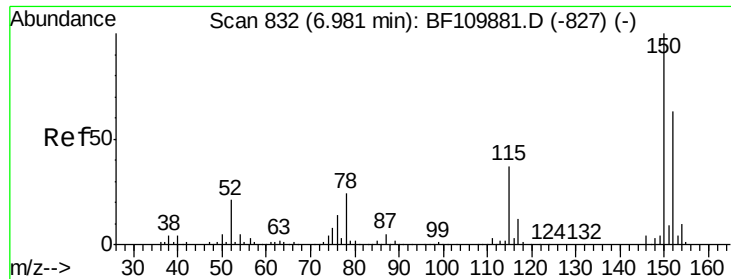
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109912.D
Acq On : 16 Oct 2018 18:20
Operator : JU/SJ
Sample : J5513-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 17 03:52:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



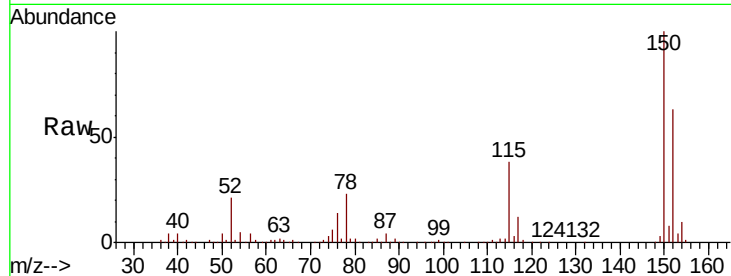


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	122.7	184.1
115	61.2	49.1	73.7

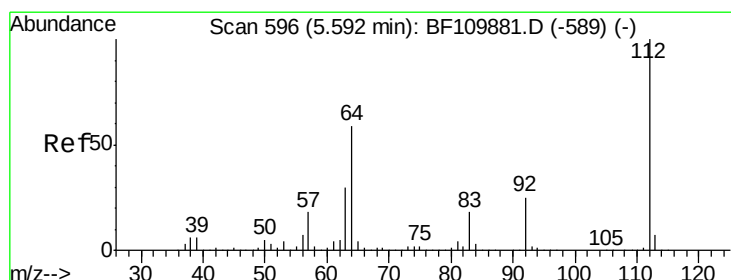
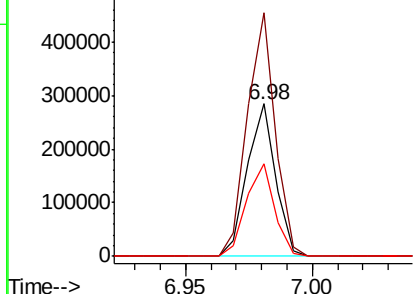
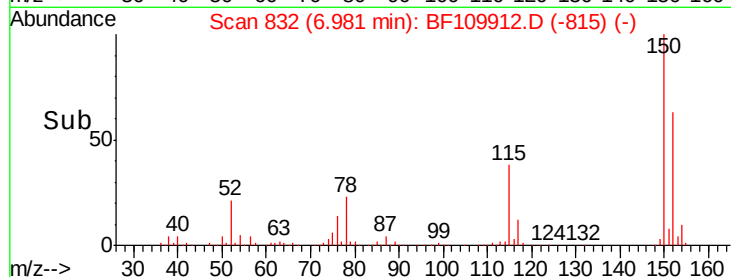


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

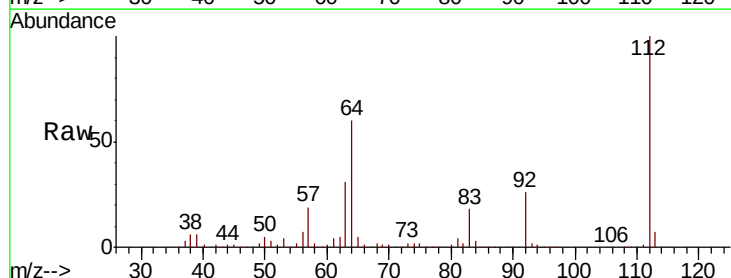
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.378 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	31.4	23.7	35.5

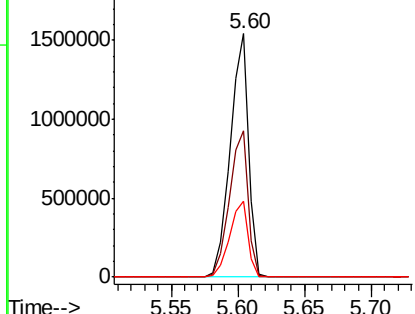
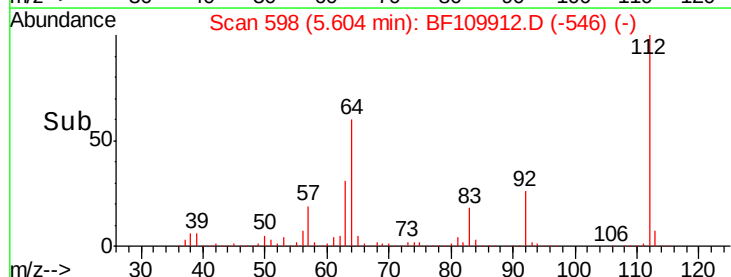


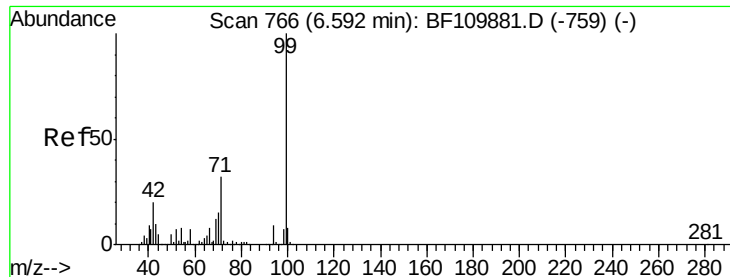
Abundance

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: 108.069 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109912.D

Acq: 16 Oct 2018 18:20

Instrument :

BNA_F

ClientSampled :

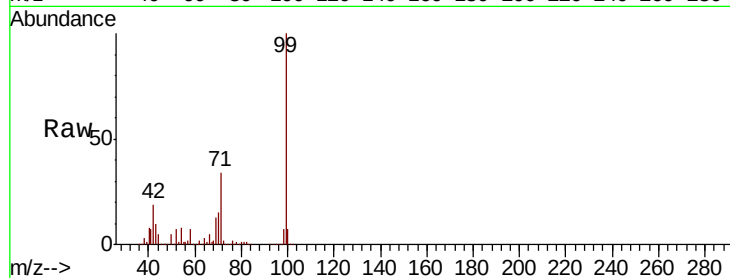
Tot Ion: 99 Resp: 1865146

Ion Ratio Lower Upper

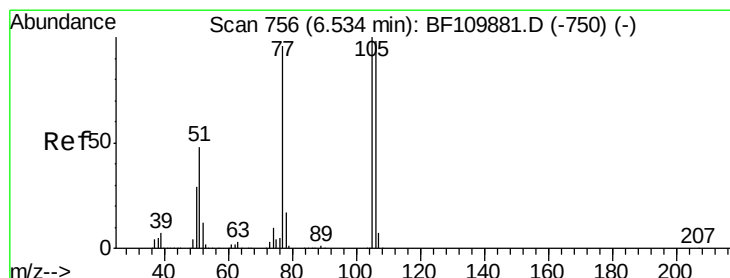
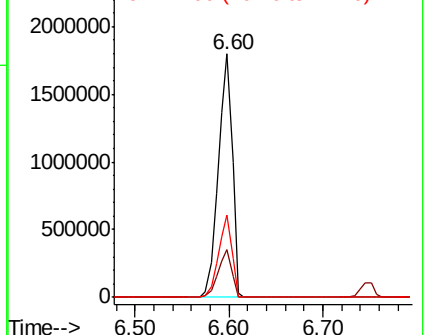
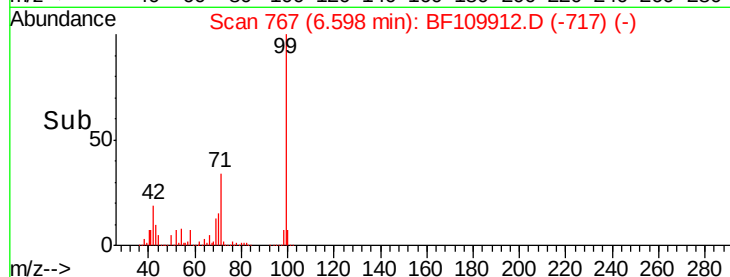
99 100

42 19.4 15.8 23.6

71 33.7 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



#9

Benzaldehyde

Concen: 3.047 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.22 min

Lab File: BF109912.D

Acq: 16 Oct 2018 18:20

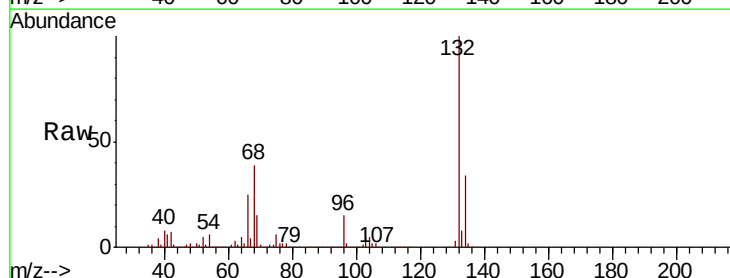
Tgt Ion: 77 Resp: 34177

Ion Ratio Lower Upper

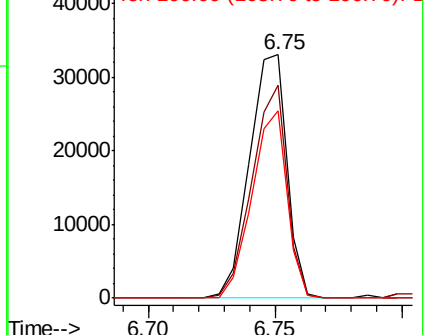
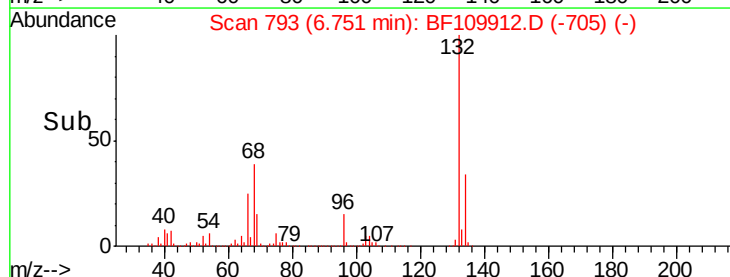
77 100

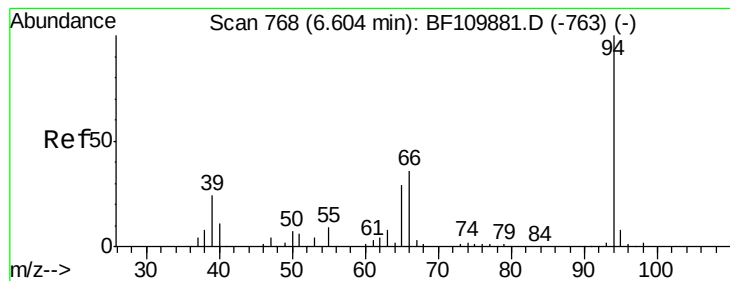
105 87.5 78.6 118.6

106 76.7 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.872 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109912.D

Acq: 16 Oct 2018 18:20

Instrument :

BNA_F

ClientSampleId :

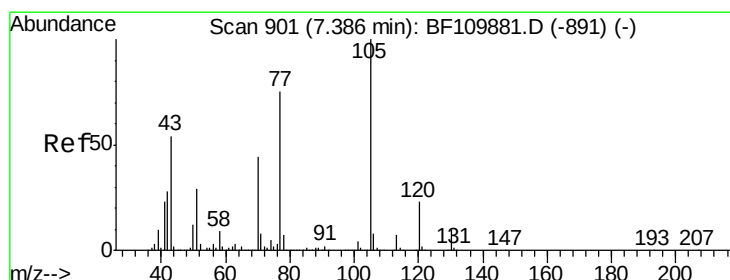
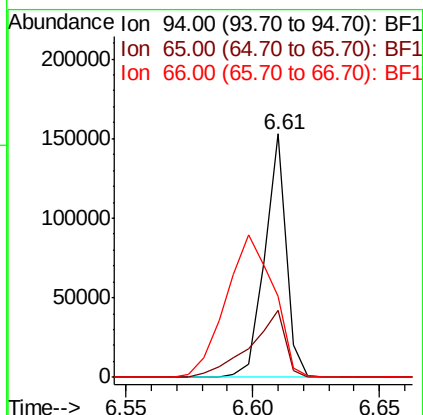
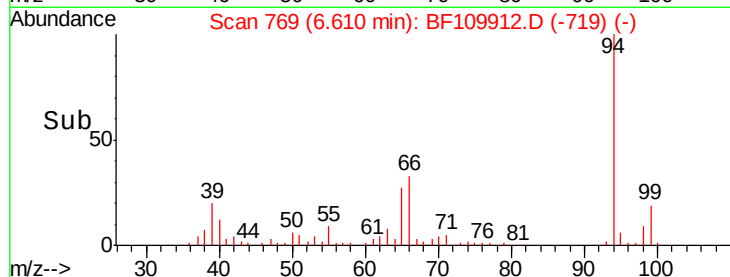
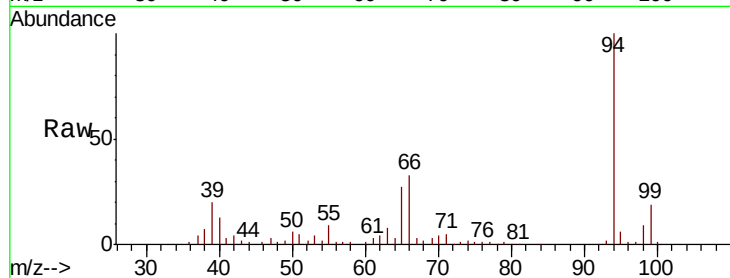
Tot Ion: 94 Resp: 90778

Ion Ratio Lower Upper

94 100

65 27.5 25.3 65.3

66 33.5 54.5 94.5#



#19

n-Nitroso-di-n-propylamine

Concen: 13.479 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF109912.D

Acq: 16 Oct 2018 18:20

Tgt Ion: 70 Resp: 149367

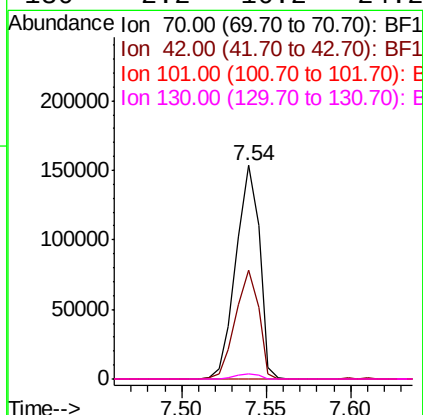
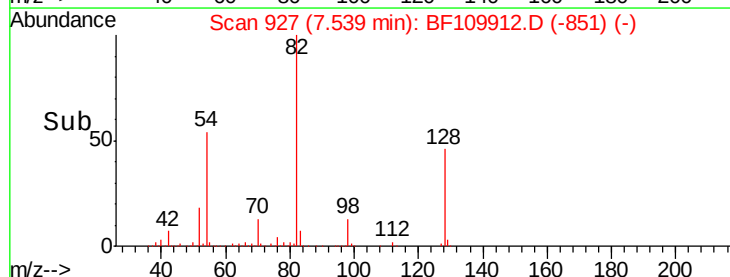
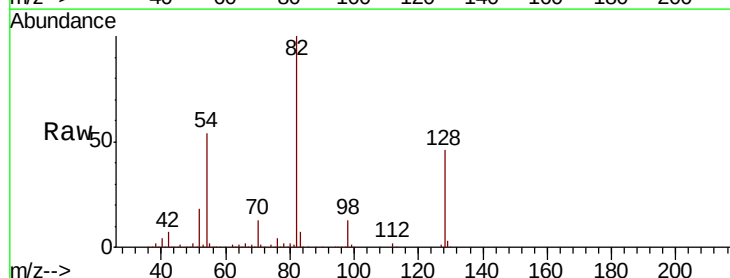
Ion Ratio Lower Upper

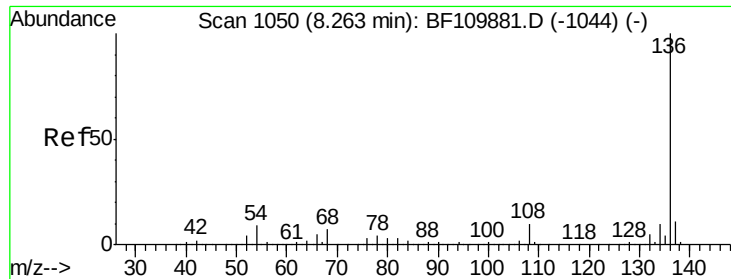
70 100

42 50.7 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

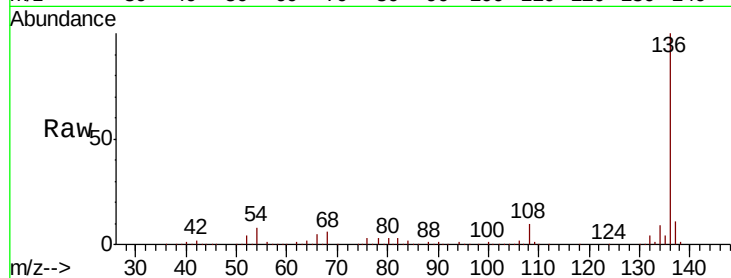




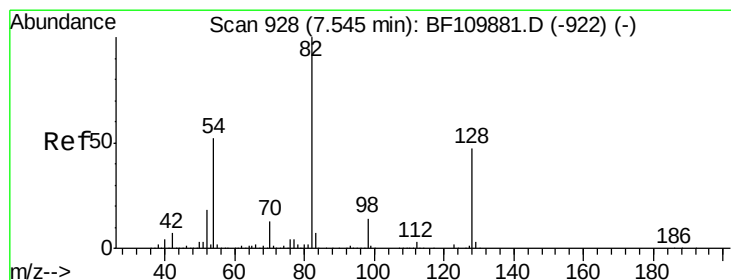
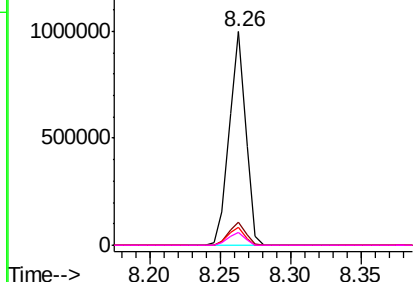
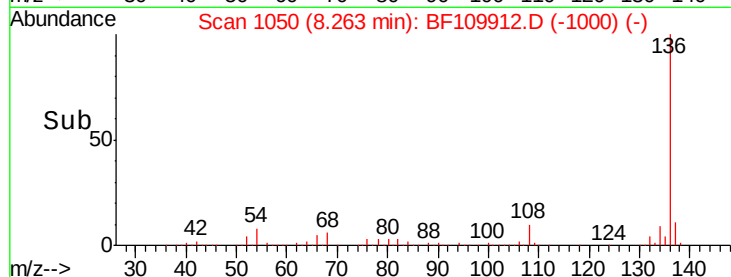
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	812713
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	8.4	5.4 8.2#
68	6.3	4.2 6.2#

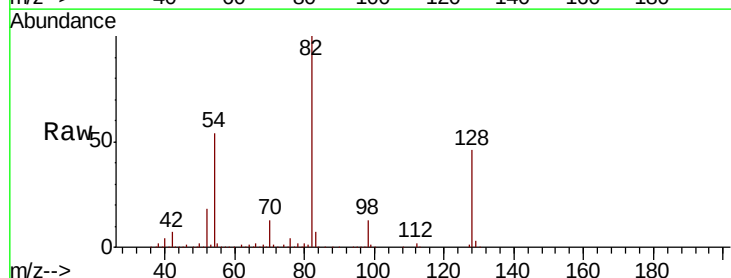


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

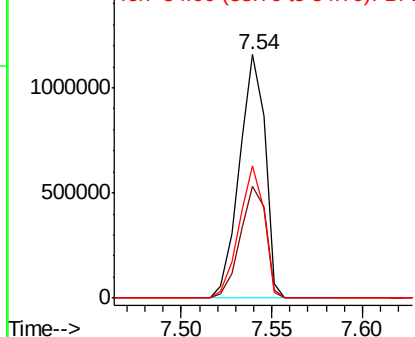
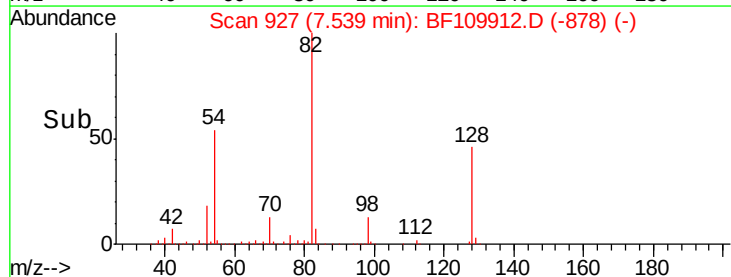


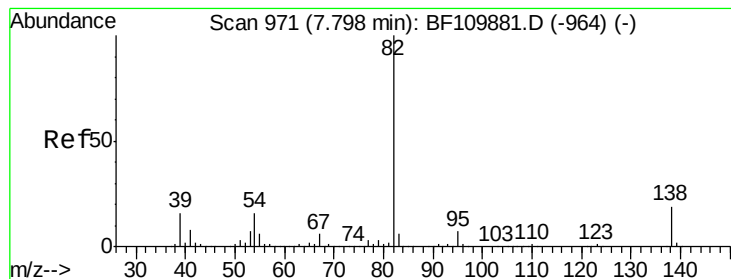
#23
Nitrobenzene-d5
Concen: 94.261 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Tgt Ion: 82	Resp:	1137217
Ion Ratio	Lower	Upper
82	100	
128	46.0	34.2 51.2
54	54.1	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: 47.972 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109912.D

Acq: 16 Oct 2018 18:20

Instrument :

BNA_F

ClientSampleId :

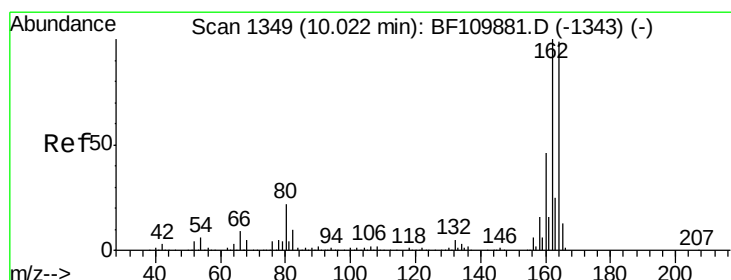
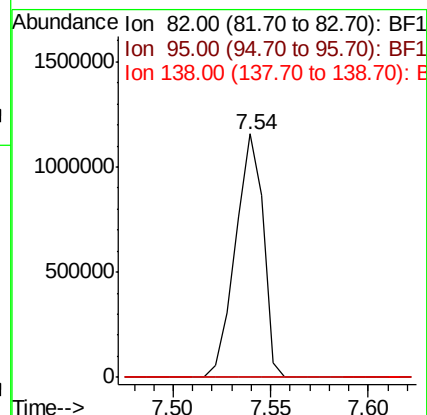
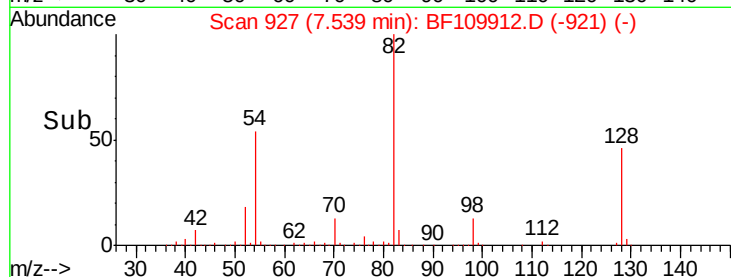
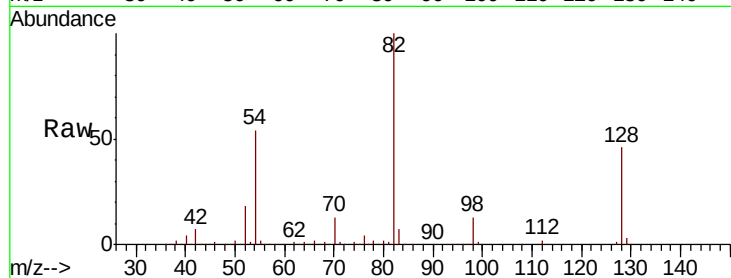
Tot Ion: 82 Resp: 1137199

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF109912.D

Acq: 16 Oct 2018 18:20

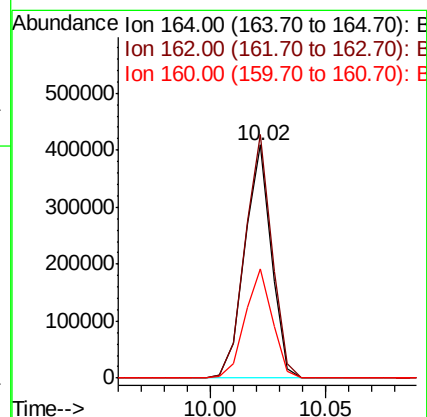
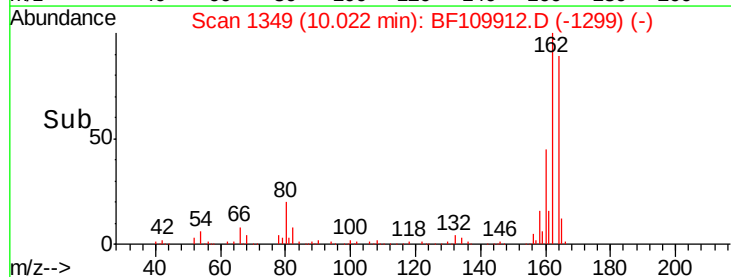
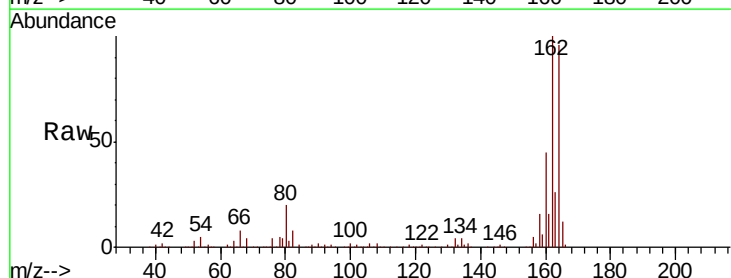
Tgt Ion:164 Resp: 329188

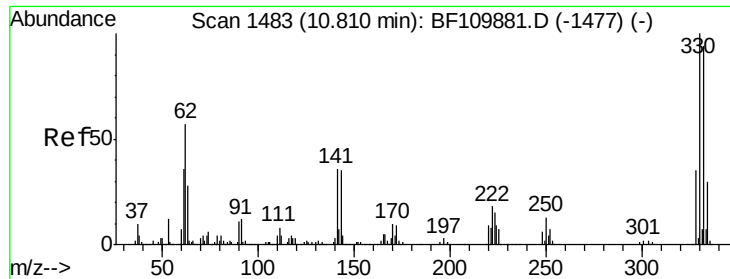
Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.6

160 47.1 37.0 55.6

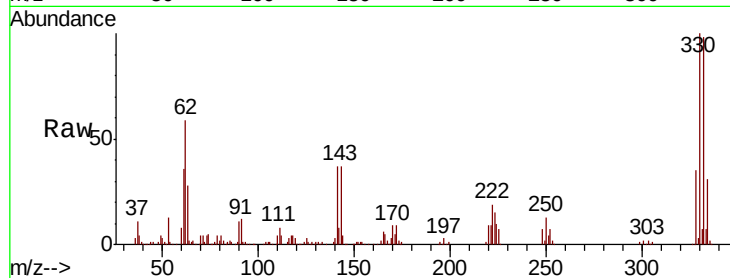




#42
 2,4,6-Tribromophenol
 Concen: 106.683 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109912.D
 Acq: 16 Oct 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	35.7	27.0	40.4

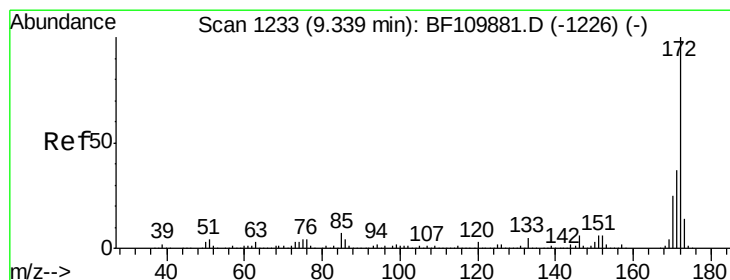
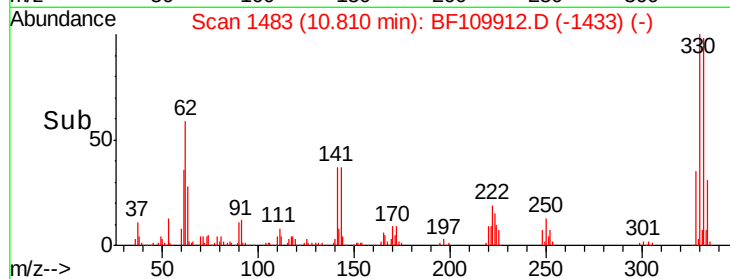
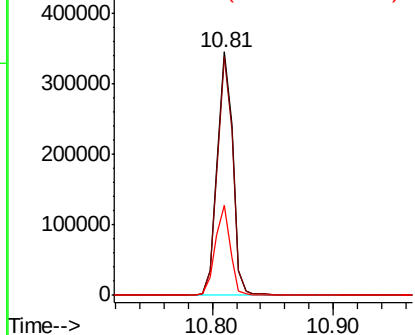


Abundance

Ion 329.80 (329.50 to 330.50): E

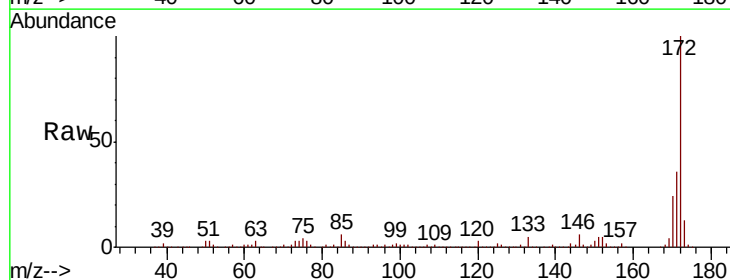
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.543 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF109912.D
 Acq: 16 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.2	19.7	29.5

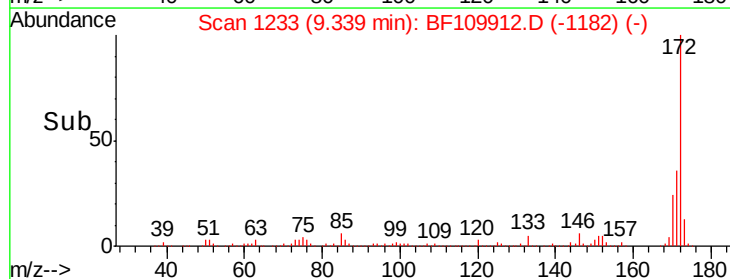
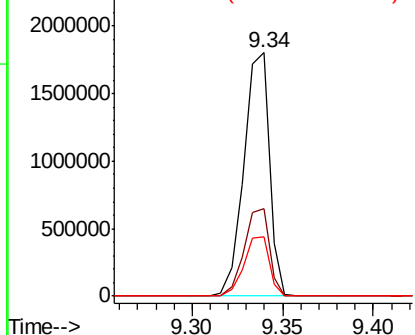


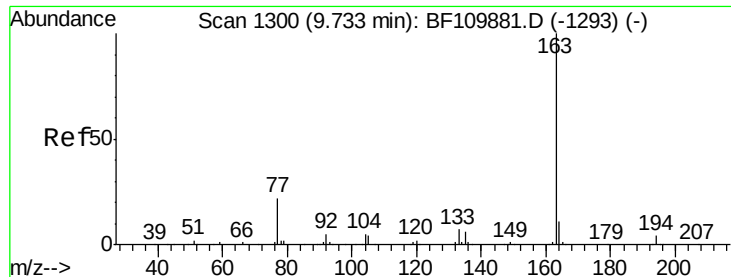
Abundance

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

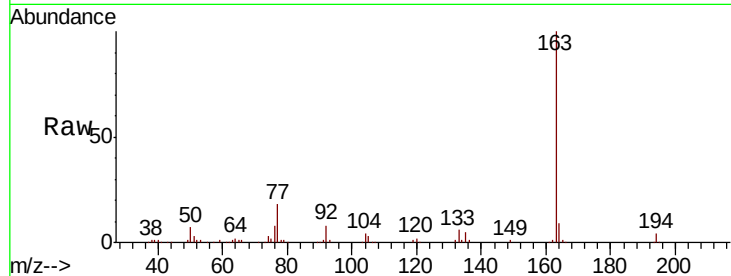




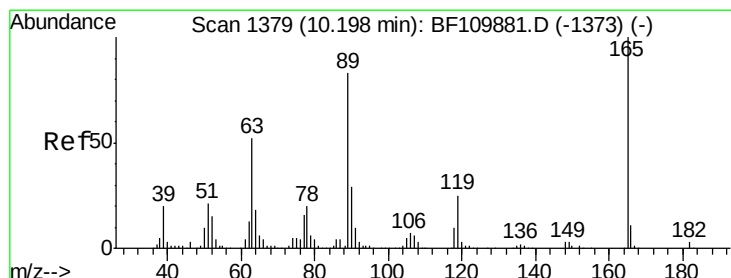
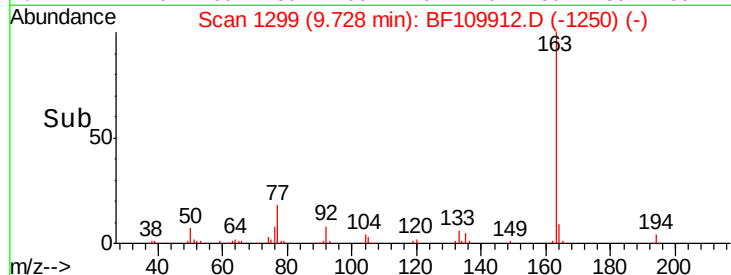
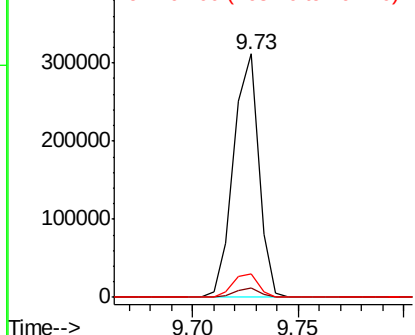
#50
Dimethylphthalate
Concen: 11.022 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 256911
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.5 8.1 12.1

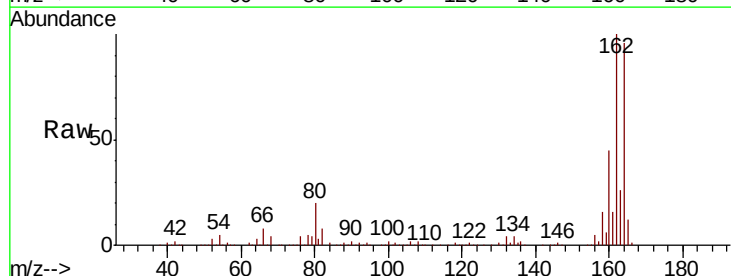


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

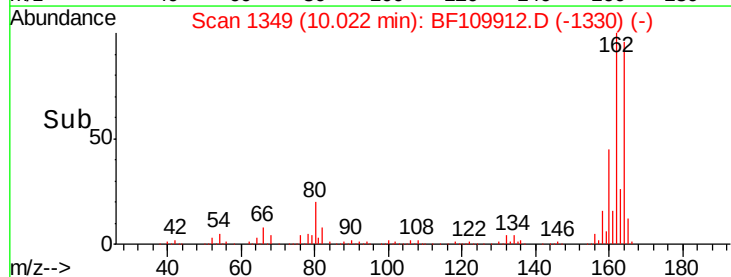
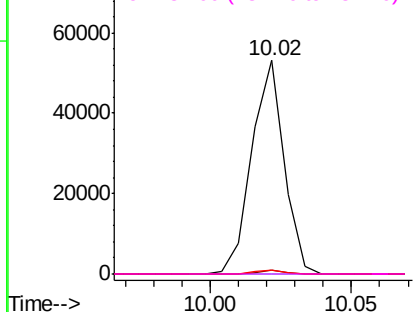


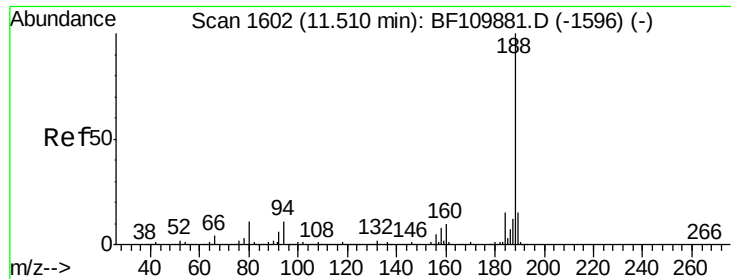
#57
2,4-Dinitrotoluene
Concen: 11.429 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.19 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Tgt Ion:165 Resp: 42330
Ion Ratio Lower Upper
165 100
63 1.8 44.8 67.2#
89 1.7 62.2 93.4#
182 0.0 2.1 3.1#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109912.D

Acq: 16 Oct 2018 18:20

Instrument :

BNA_F

ClientSampleId :

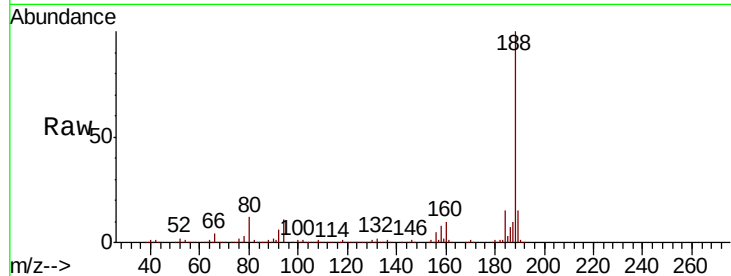
Tot Ion:188 Resp: 513019

Ion Ratio Lower Upper

188 100

94 10.9 7.2 10.8#

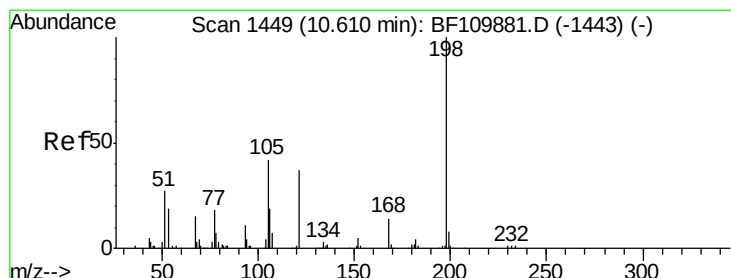
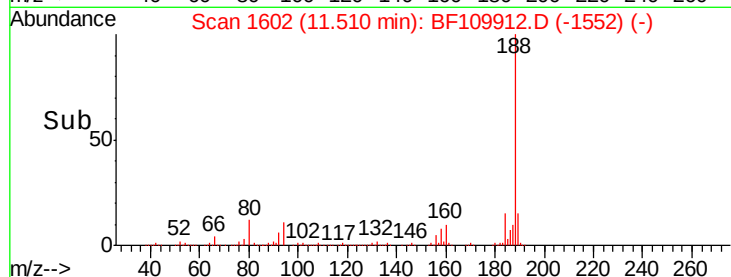
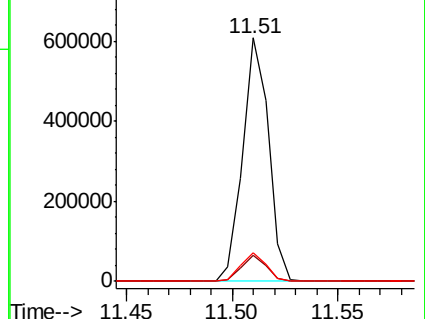
80 11.5 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.276 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.19 min

Lab File: BF109912.D

Acq: 16 Oct 2018 18:20

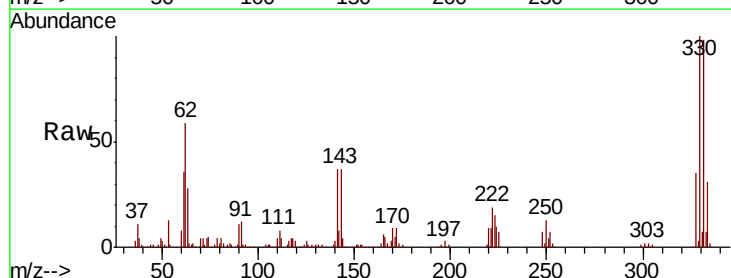
Tgt Ion:198 Resp: 826

Ion Ratio Lower Upper

198 100

51 192.8 22.8 62.8#

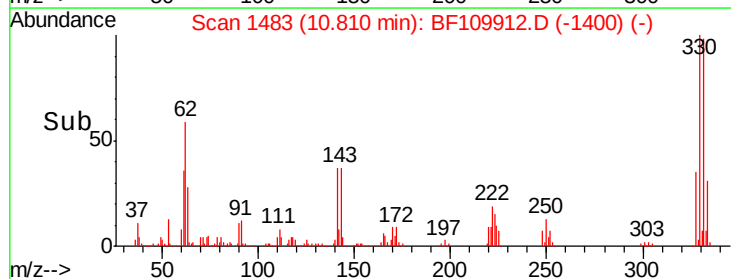
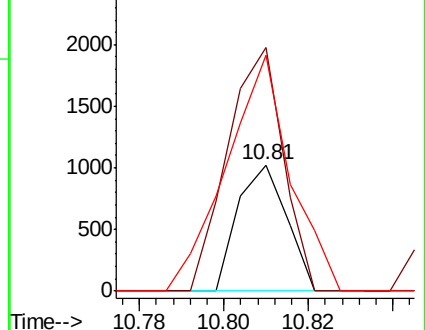
105 186.3 23.6 63.6#

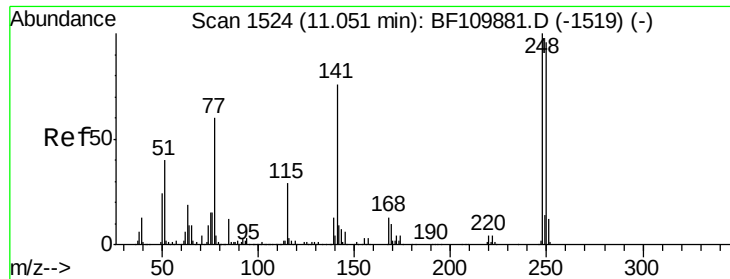


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

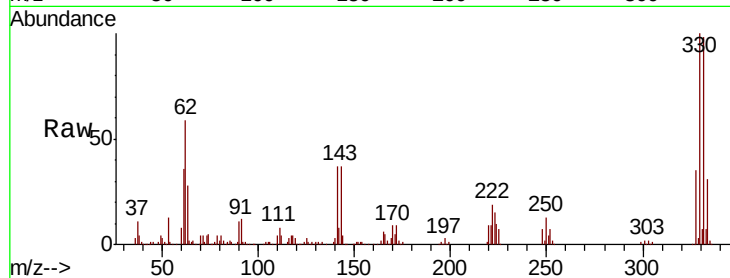




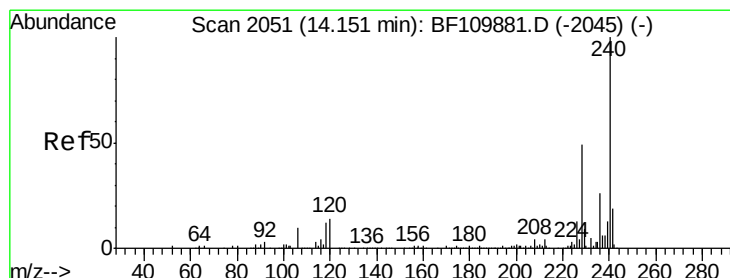
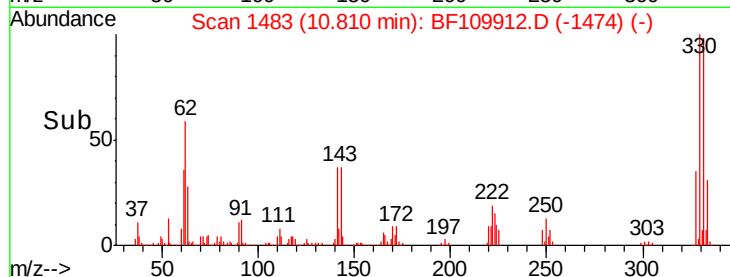
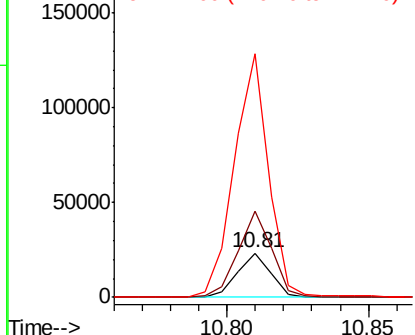
#67
4-Bromophenyl-phenylether
Concen: 3.472 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19305
Ion Ratio Lower Upper
248 100
250 195.9 79.4 119.2#
141 551.5 55.9 83.9#

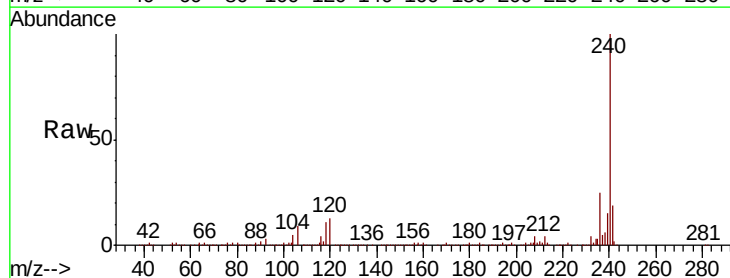


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

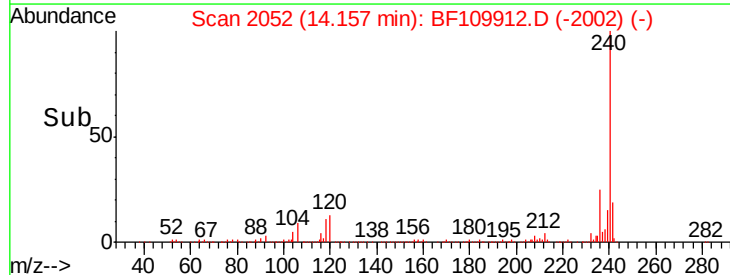
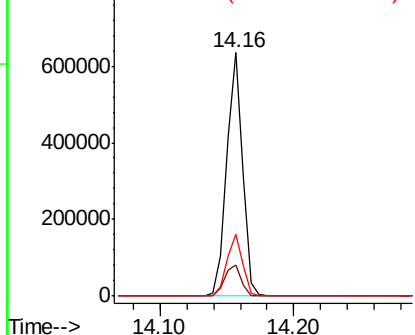


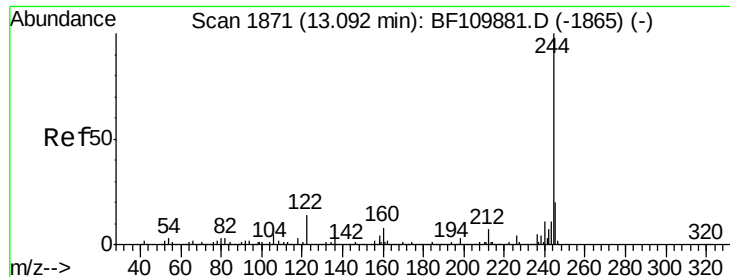
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Tgt Ion:240 Resp: 532592
Ion Ratio Lower Upper
240 100
120 12.7 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

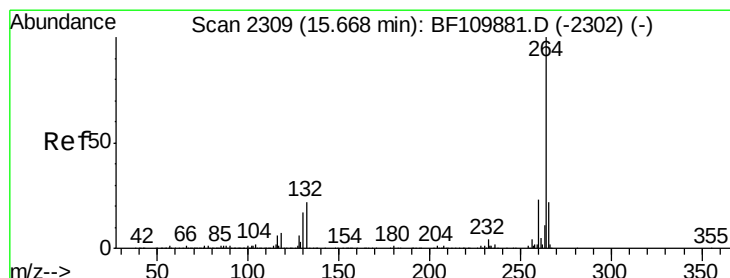
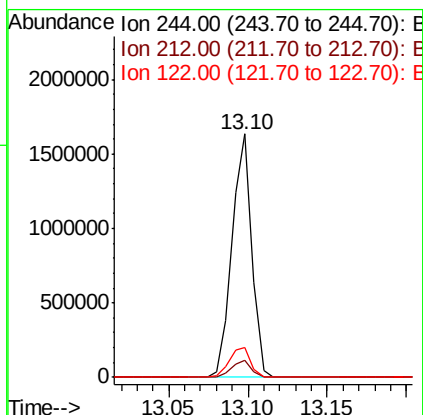
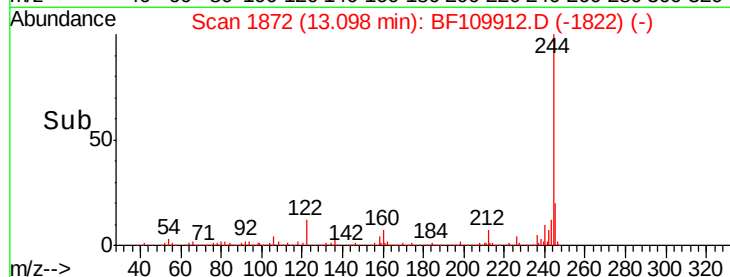
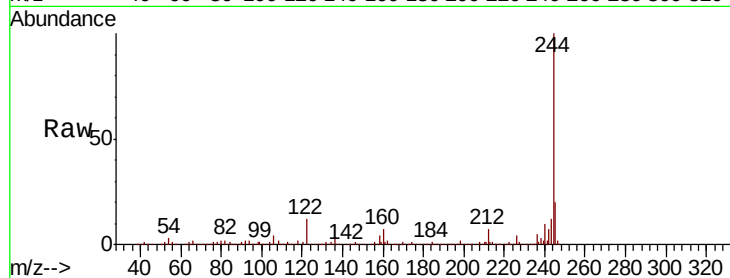




#79
 Terphenyl-d14
 Concen: 55.527 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109912.D
 Acq: 16 Oct 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1408294
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.2 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109912.D
 Acq: 16 Oct 2018 18:20

Tgt Ion:264 Resp: 531849
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.8 16.7 25.1

