

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109947.D
 Acq On : 18 Oct 2018 3:31
 Operator : JU/SJ
 Sample : J5543-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:44:29 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

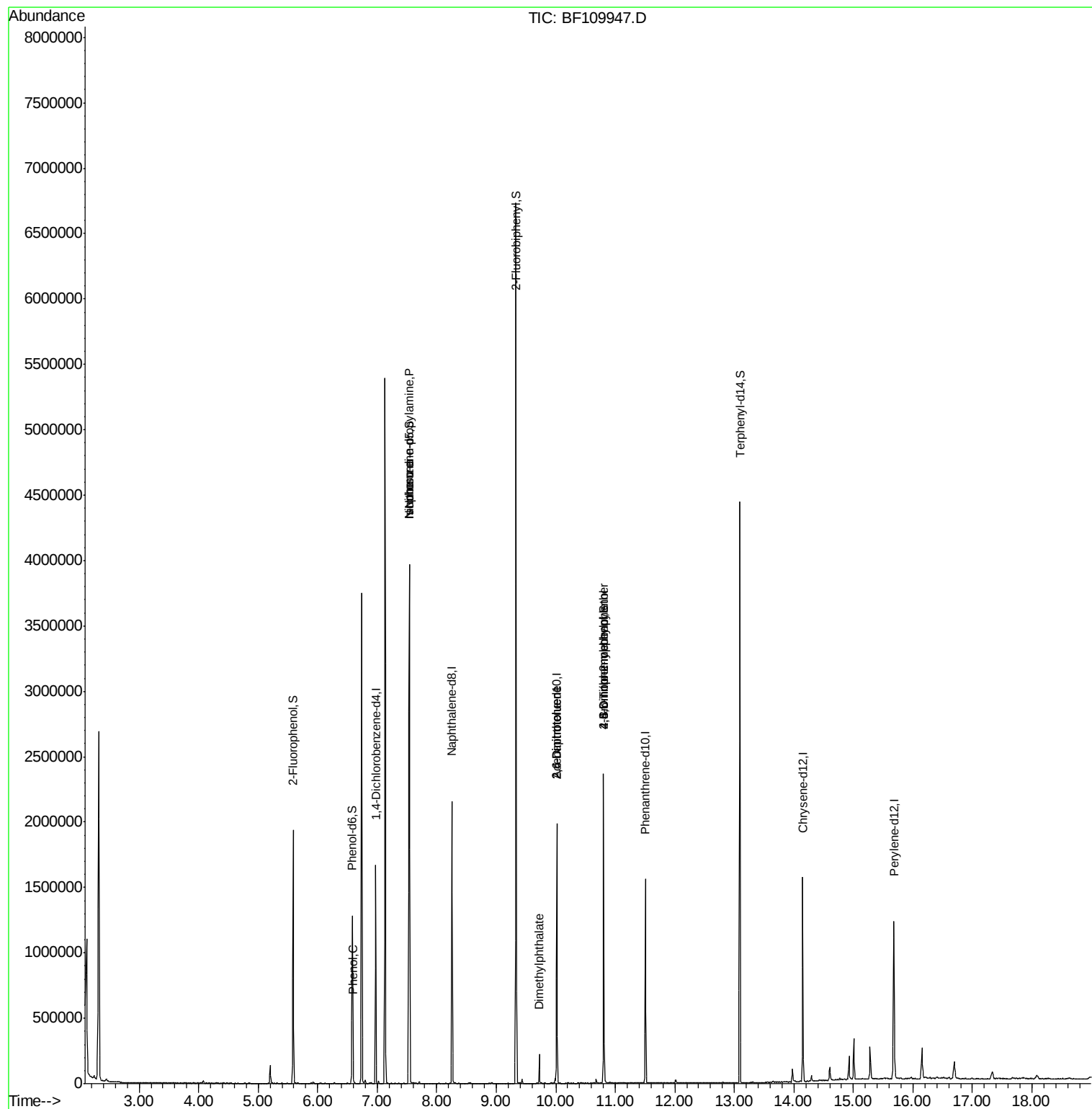
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	221734	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	880393	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	369712	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	558742	20.00	ng	0.00
76) Chrysene-d12	14.15	240	487702	20.00	ng	-0.01
87) Perylene-d12	15.68	264	480627	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	544851	38.95	ng	0.00
7) Phenol-d6	6.58	99	408345	23.51	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1272139	97.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	259717	81.14	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2207602	95.28	ng	0.00
79) Terphenyl-d14	13.09	244	1420974	61.18	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	49721	2.651	ng	# 58
19) n-Nitroso-di-n-propylamine	7.54	70	169432	15.192	ng	# 80
25) Isophorone	7.54	82	1272109	49.538	ng	# 67
50) Dimethylphthalate	9.72	163	74961	2.863	ng	# 99
51) 2,6-Dinitrotoluene	10.02	165	47564	9.566	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	47564	11.433	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	632	8.165	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	15904	2.626	ng	# 1

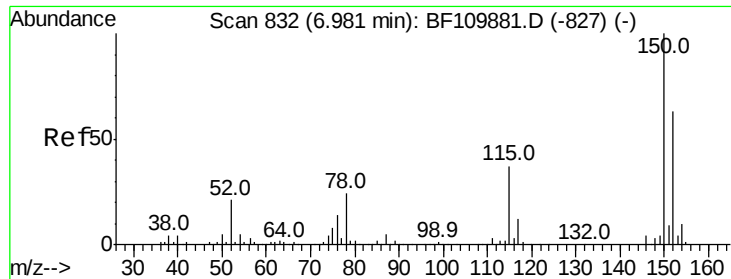
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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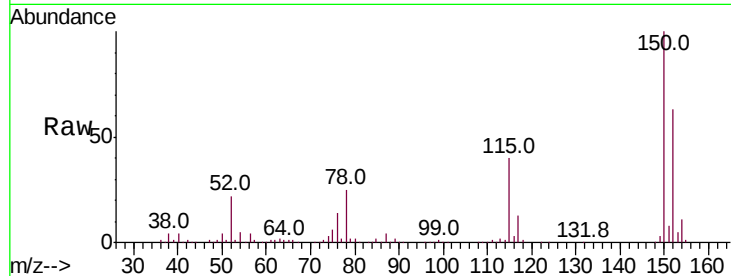


#1

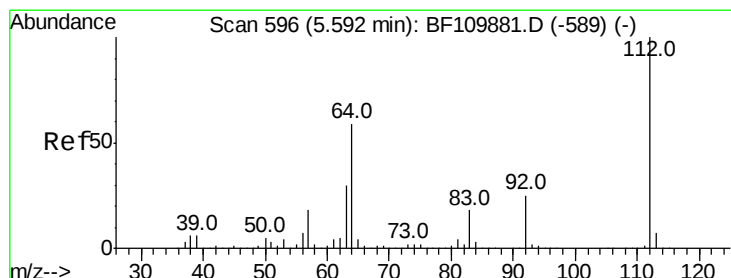
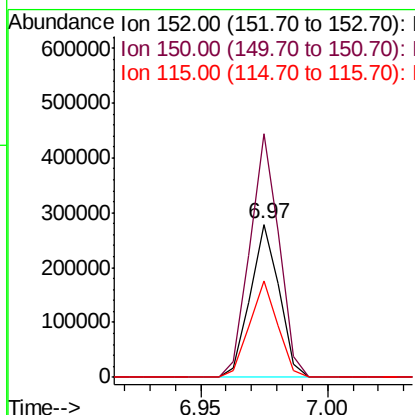
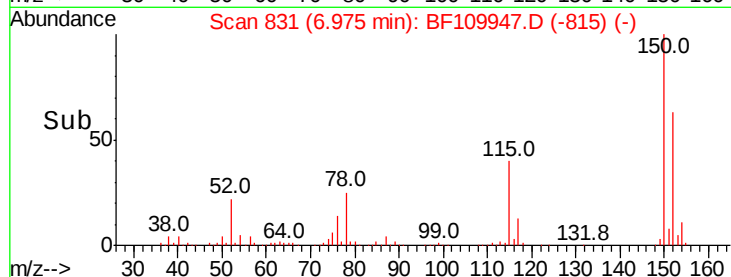
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109947.D
Acq: 18 Oct 2018 3:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.7	184.1
115	63.0	49.1	73.7



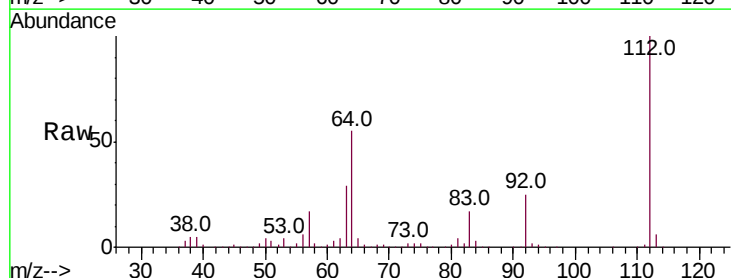
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



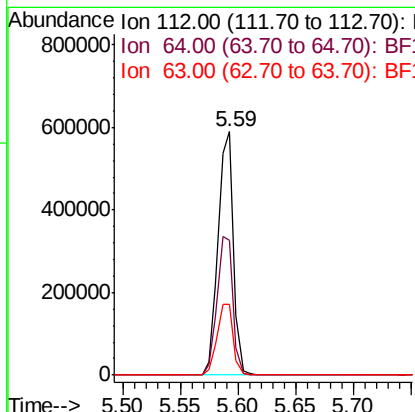
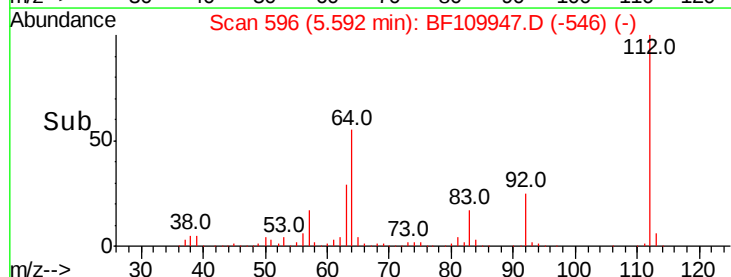
#5

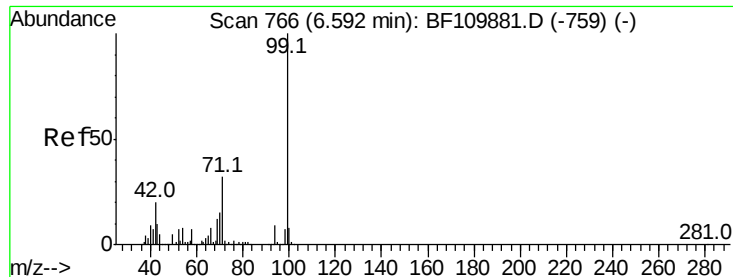
2-Fluorophenol
Concen: 38.950 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109947.D
Acq: 18 Oct 2018 3:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	44.1	66.1
63	29.1	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: 23.509 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF109947.D

Acq: 18 Oct 2018 3:31

Instrument :

BNA_F

ClientSampleId :

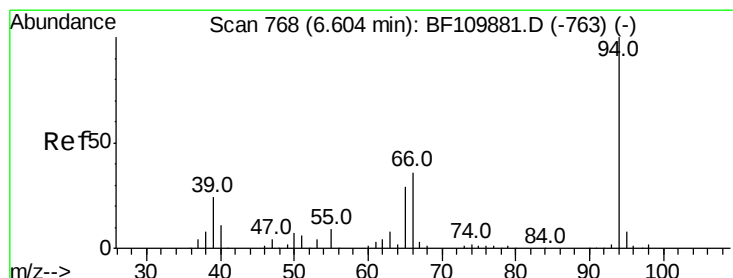
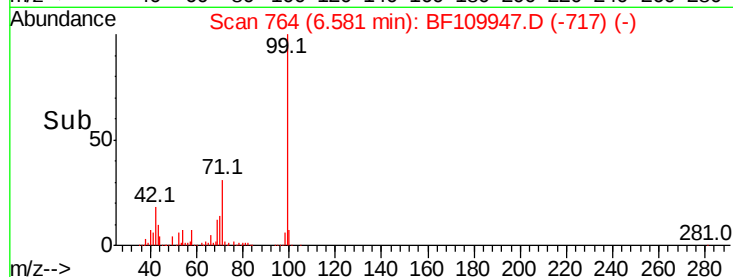
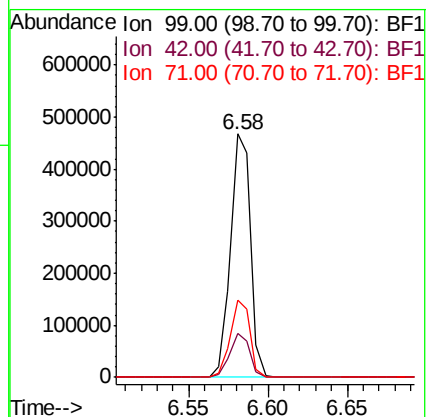
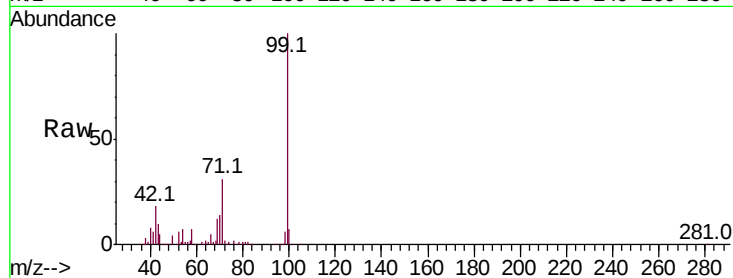
Tot Ion: 99 Resp: 408345

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

71 31.5 28.0 42.0



#10

Phenol

Concen: 2.651 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109947.D

Acq: 18 Oct 2018 3:31

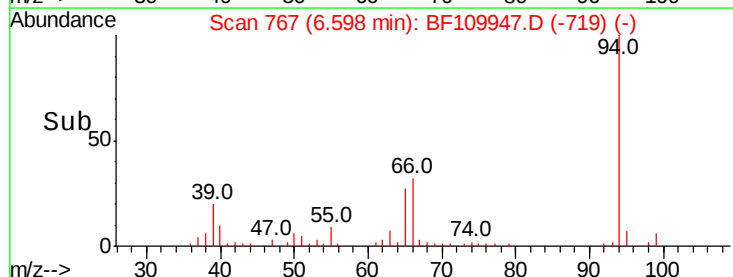
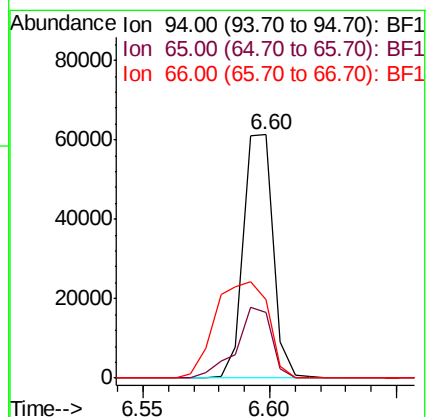
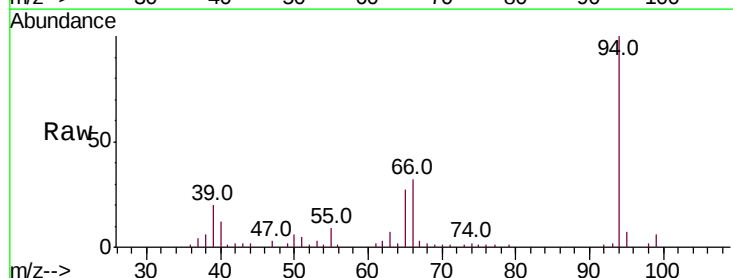
Tgt Ion: 94 Resp: 49721

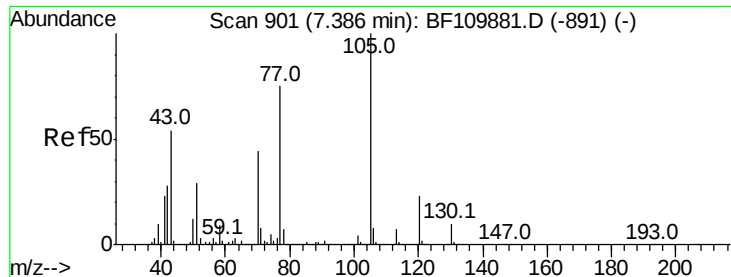
Ion Ratio Lower Upper

94 100

65 26.9 25.3 65.3

66 32.1 54.5 94.5#

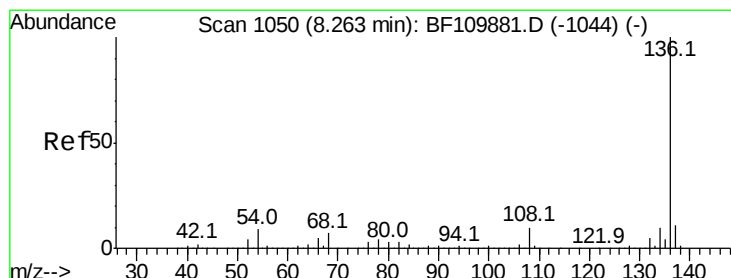
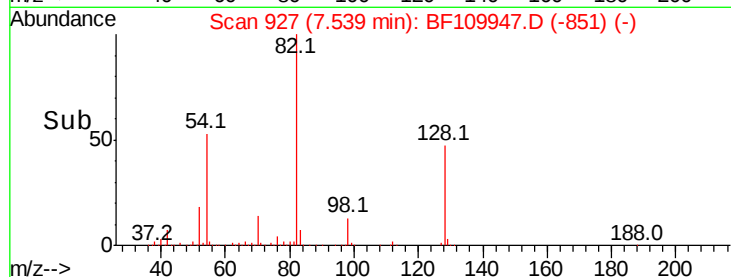
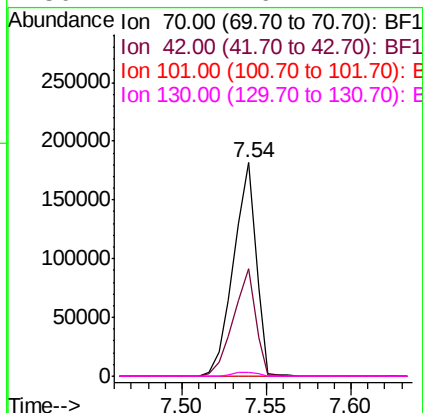
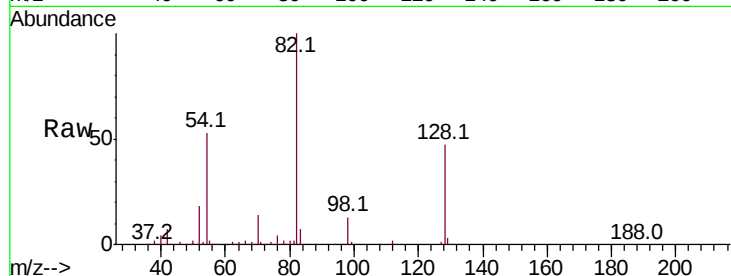




#19
n-Nitroso-di-n-propylamine
Concen: 15.192 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109947.D
Acq: 18 Oct 2018 3:31

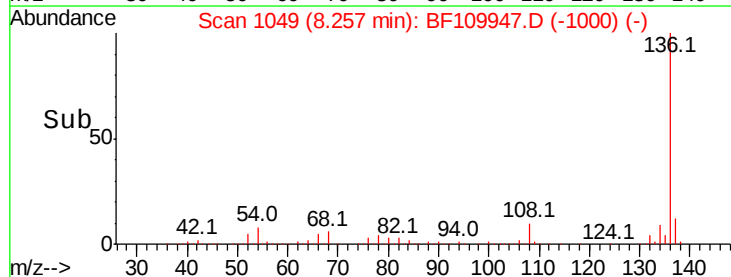
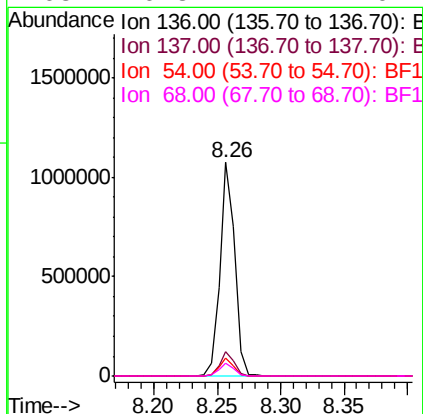
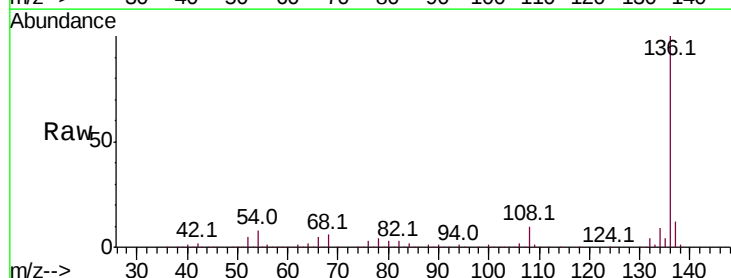
Instrument :
BNA_F
ClientSampleId :

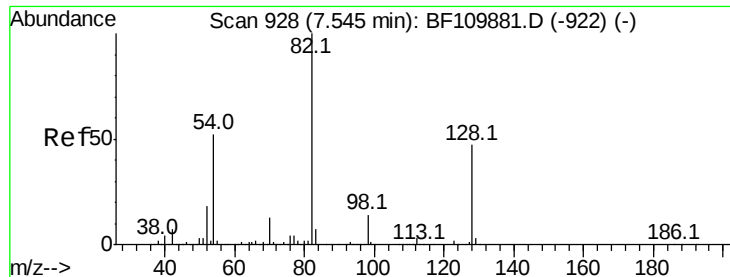
Tot Ion: 70 Resp: 169432
Ion Ratio Lower Upper
70 100
42 50.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109947.D
Acq: 18 Oct 2018 3:31

Tgt Ion:136 Resp: 880393
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 8.5 5.4 8.2#
68 6.3 4.2 6.2#



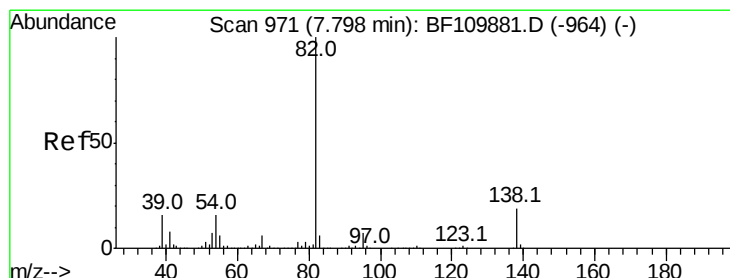
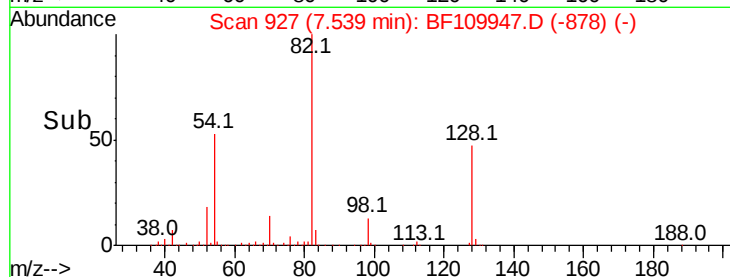
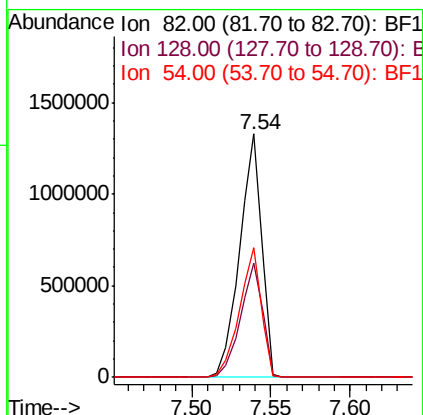
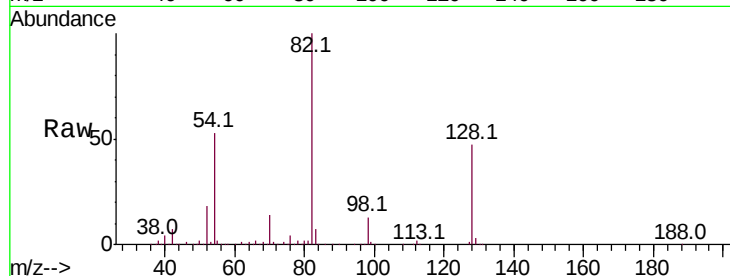


#23
 Nitrobenzene-d5
 Concen: 97.339 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109947.D
 Acq: 18 Oct 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1272139

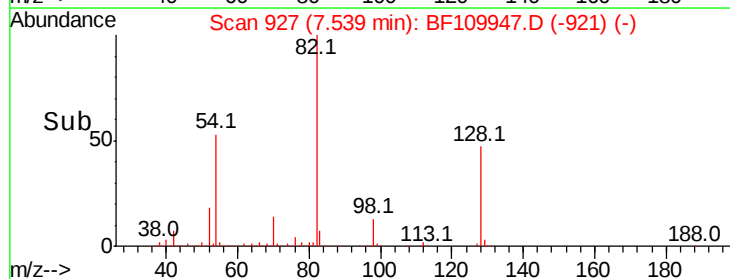
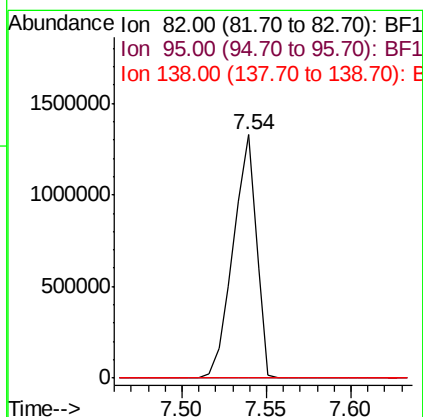
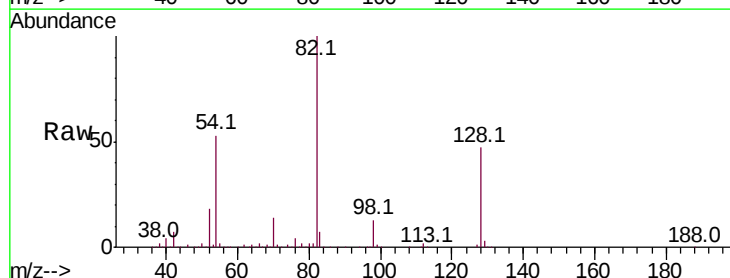
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.2	51.2
54	53.2	38.6	58.0

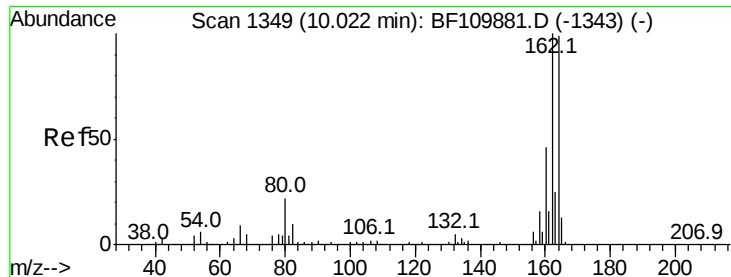


#25
 Isophorone
 Concen: 49.538 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.26 min
 Lab File: BF109947.D
 Acq: 18 Oct 2018 3:31

Tgt Ion: 82 Resp: 1272109

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

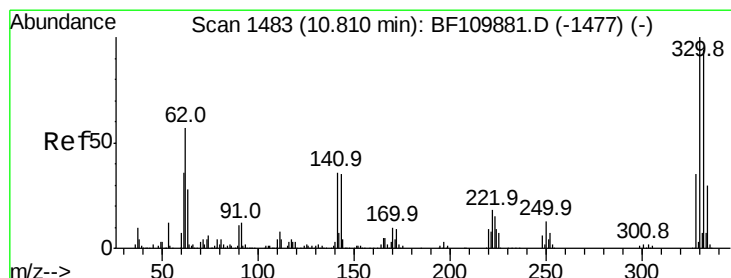
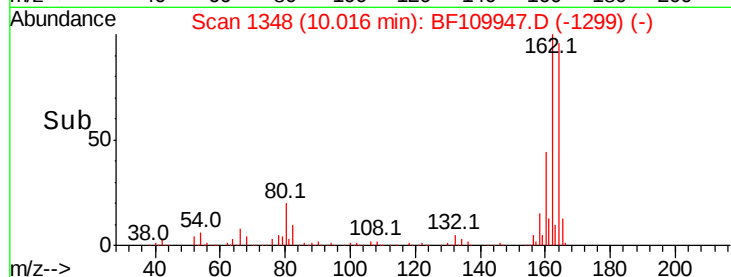
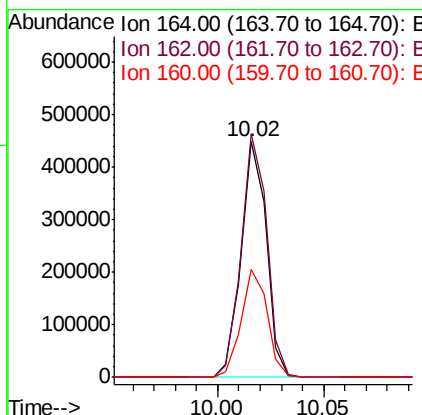
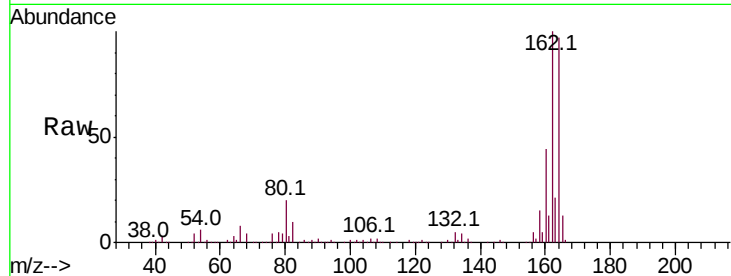




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109947.D
Acq: 18 Oct 2018 3:31

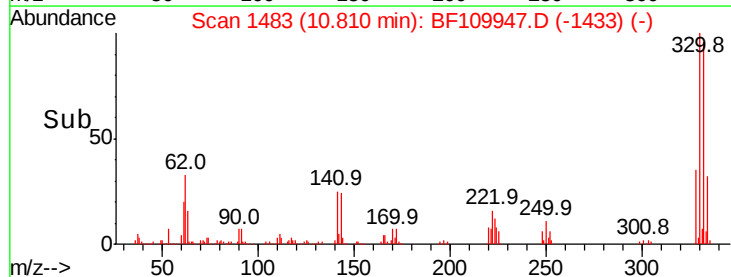
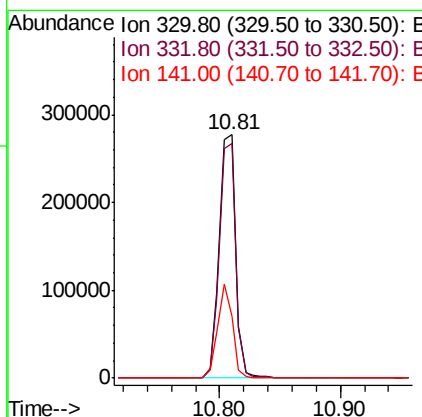
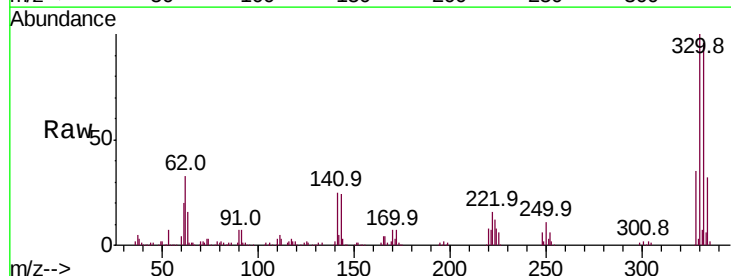
Instrument :
BNA_F
ClientSampleId :

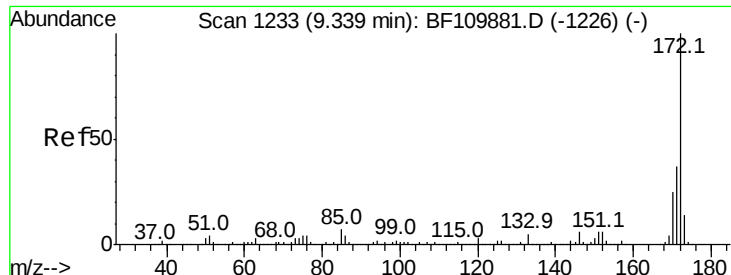
Tot Ion:164 Resp: 369712
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.6
160 45.6 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 81.140 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109947.D
Acq: 18 Oct 2018 3:31

Tgt Ion:330 Resp: 259717
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 34.4 27.0 40.4

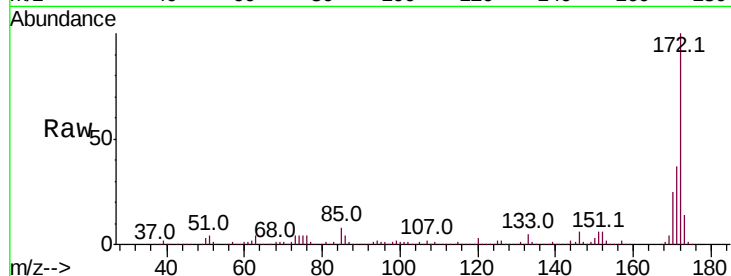




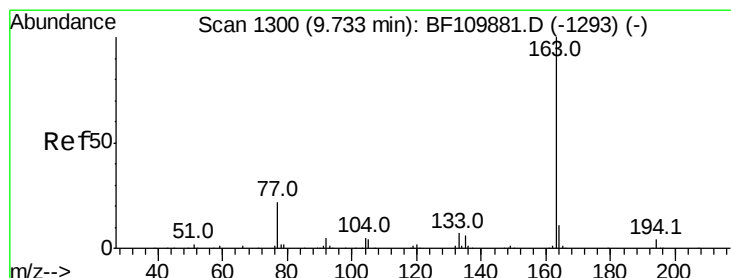
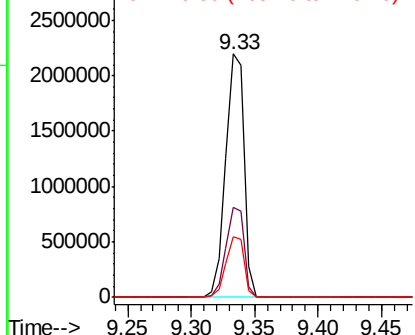
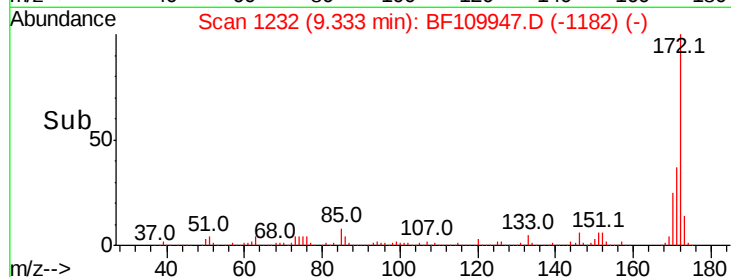
#45
2-Fluorobiphenyl
Concen: 95.279 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109947.D
Acq: 18 Oct 2018 3:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2207602
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 25.0 19.7 29.5

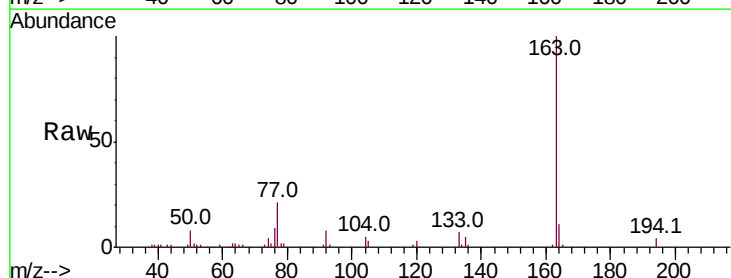


Abundance Ion 172.00 (171.70 to 172.70): E
3000000 Ion 171.00 (170.70 to 171.70): E
2500000 Ion 170.00 (169.70 to 170.70): E

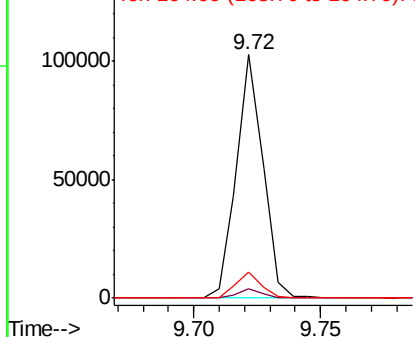
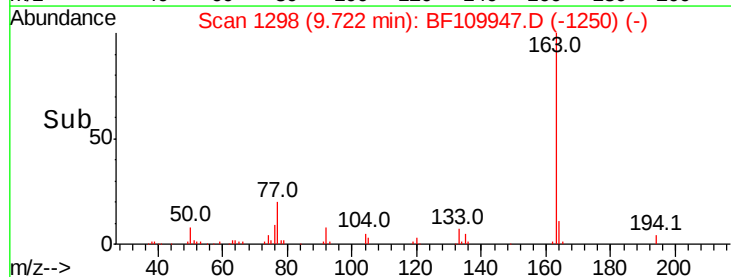


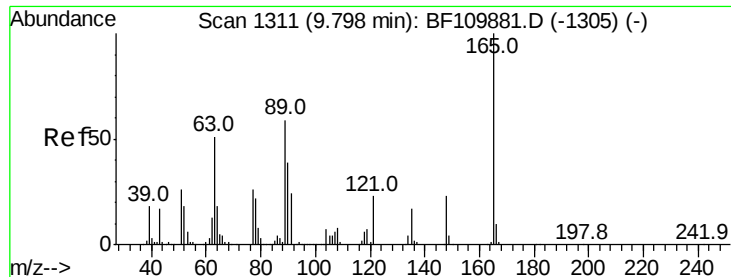
#50
Dimethylphthalate
Concen: 2.863 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109947.D
Acq: 18 Oct 2018 3:31

Tgt Ion:163 Resp: 74961
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
100000 Ion 194.00 (193.70 to 194.70): E
50000 Ion 164.00 (163.70 to 164.70): E

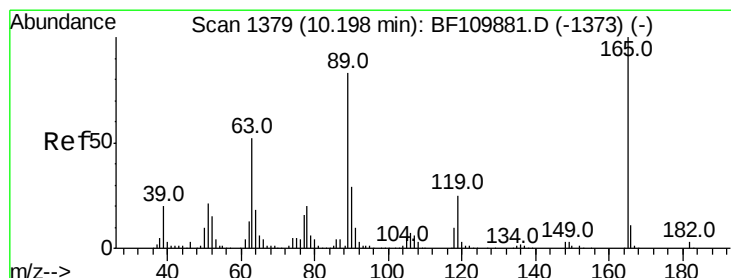
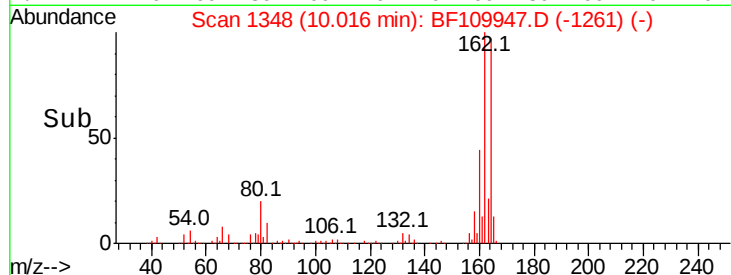
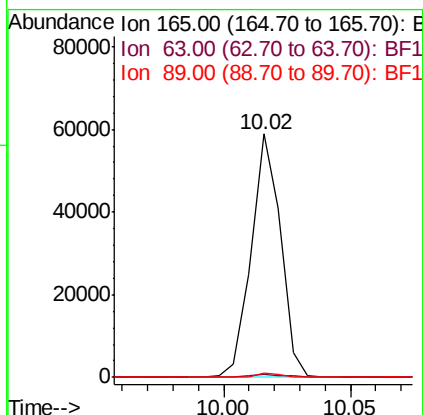
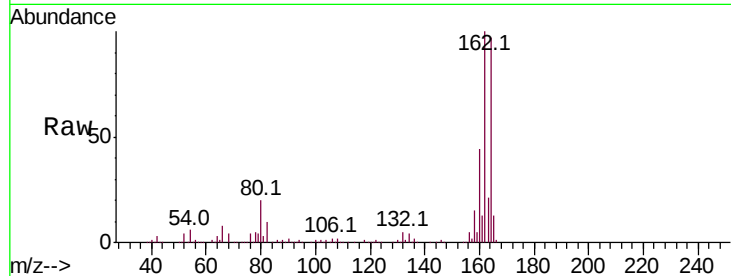




#51
 2,6-Dinitrotoluene
 Concen: 9.566 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF109947.D
 Acq: 18 Oct 2018 3:31

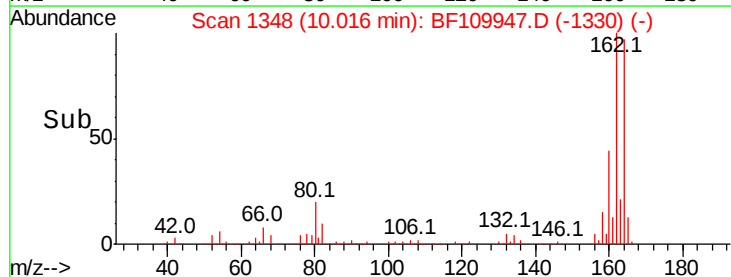
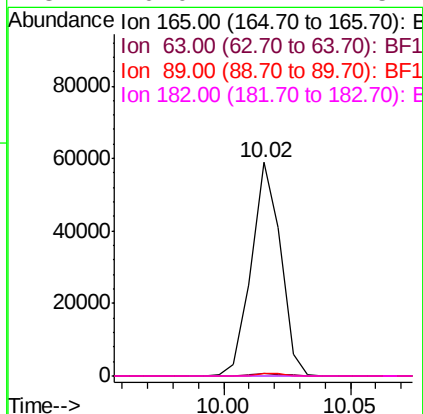
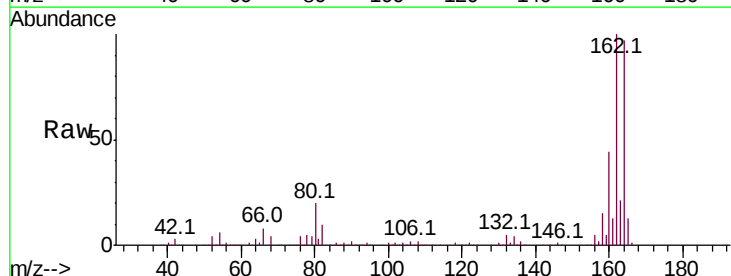
Instrument :
 BNA_F
 ClientSampleId :

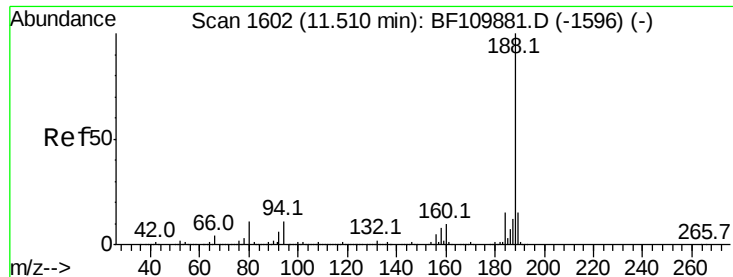
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	48.9	73.3#
89	1.5	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 11.433 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109947.D
 Acq: 18 Oct 2018 3:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109947.D

Acq: 18 Oct 2018 3:31

Instrument :

BNA_F

ClientSampleId :

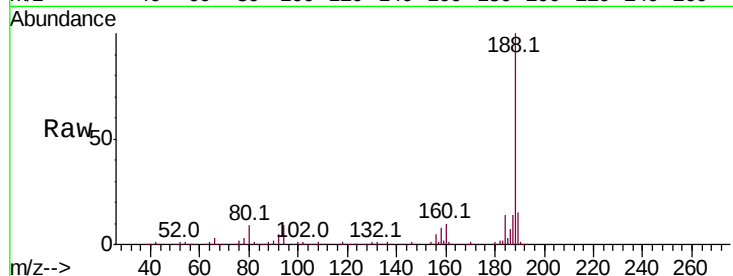
Tot Ion:188 Resp: 558742

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 9.4 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

800000

600000

400000

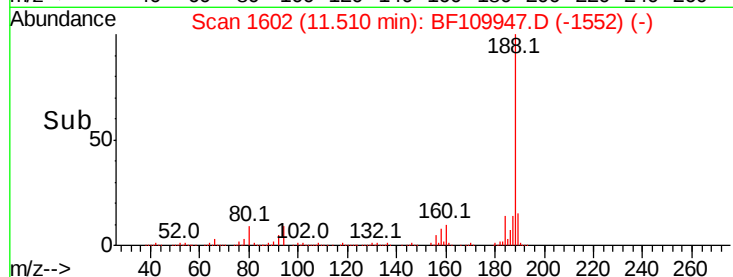
200000

0

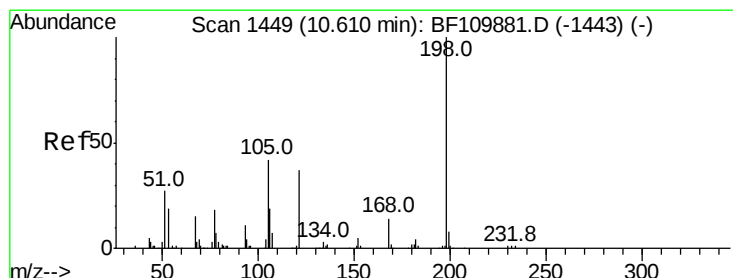
11.45

11.50

11.55



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 8.165 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF109947.D

Acq: 18 Oct 2018 3:31

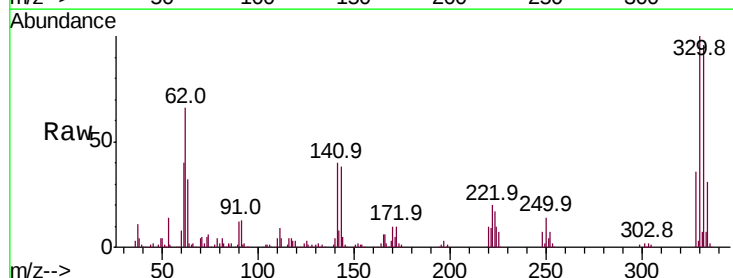
Tgt Ion:198 Resp: 632

Ion Ratio Lower Upper

198 100

51 192.6 22.8 62.8#

105 200.1 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

2500

2000

1500

1000

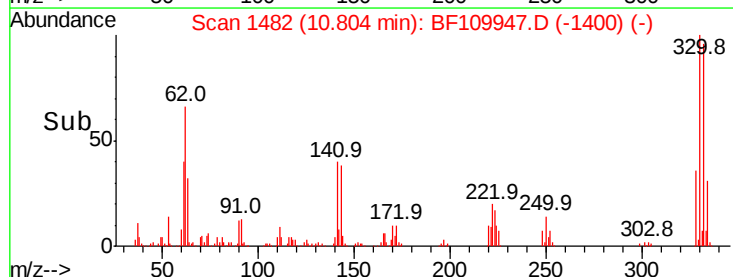
500

0

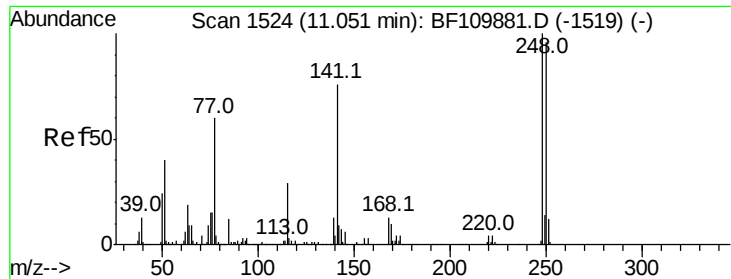
10.78

10.80

10.82



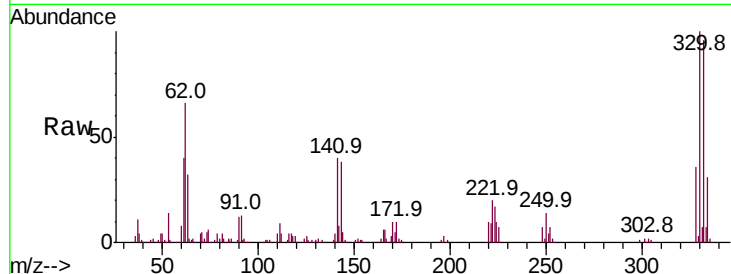
Time-->



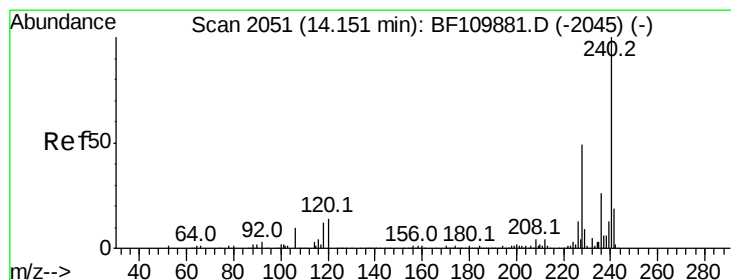
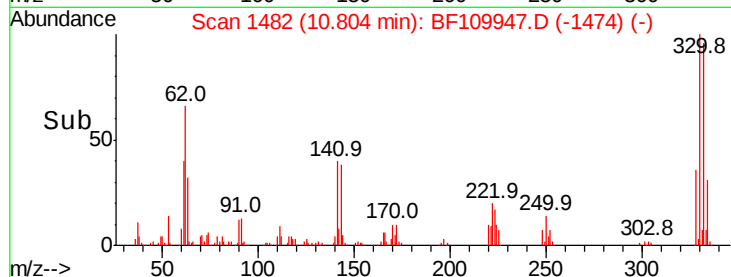
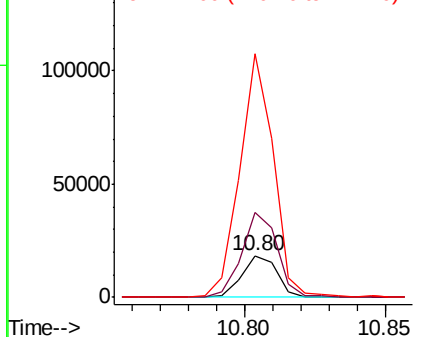
#67
 4-Bromophenyl-phenylether
 Concen: 2.626 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.25 min
 Lab File: BF109947.D
 Acq: 18 Oct 2018 3:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15904
 Ion Ratio Lower Upper
 248 100
 250 204.6 79.4 119.2#
 141 588.3 55.9 83.9#

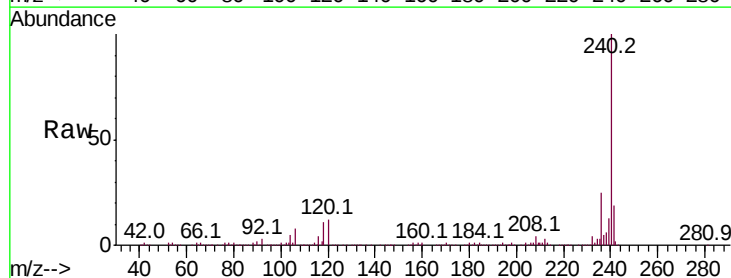


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

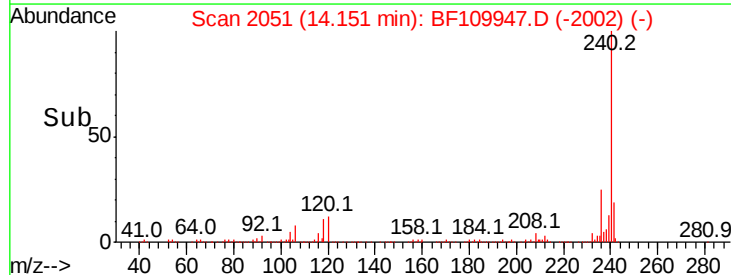
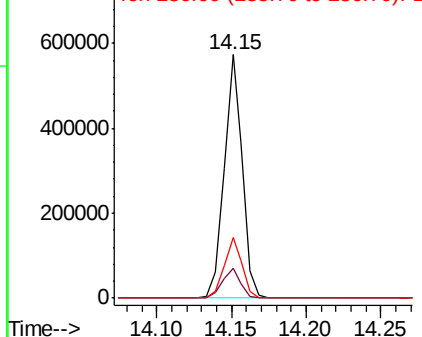


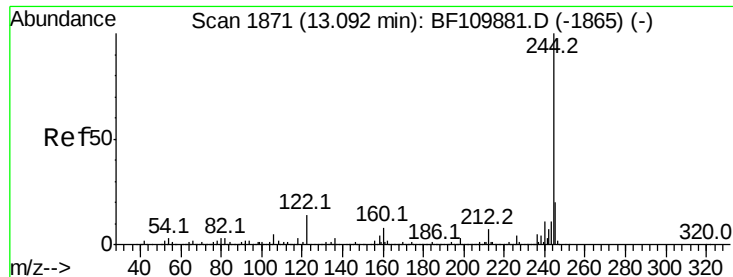
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF109947.D
 Acq: 18 Oct 2018 3:31

Tgt Ion:240 Resp: 487702
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.3 12.5
 236 25.0 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



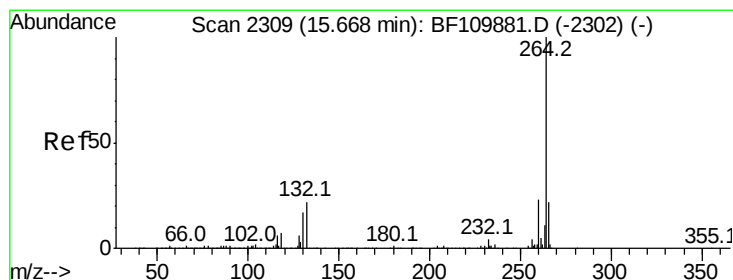
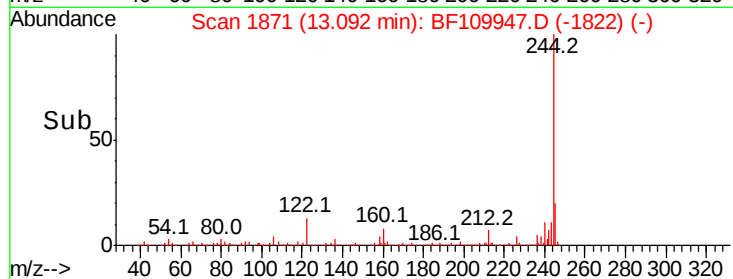
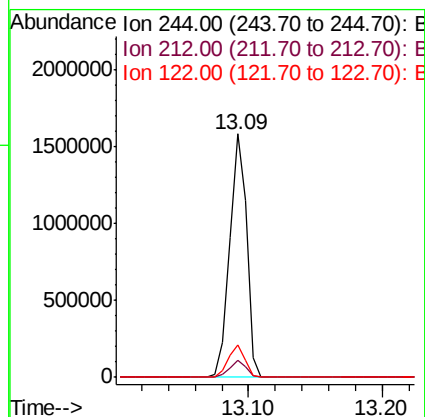
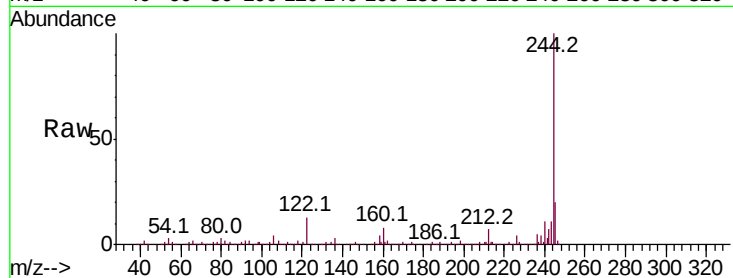


#79
 Terphenyl-d14
 Concen: 61.184 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109947.D
 Acq: 18 Oct 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1420974

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.3	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: BF109947.D
 Acq: 18 Oct 2018 3:31

Tgt Ion:264 Resp: 480627

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	20.9	16.7	25.1

