

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109937.D
 Acq On : 17 Oct 2018 23:02
 Operator : JU/SJ
 Sample : J5518-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:42:35 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

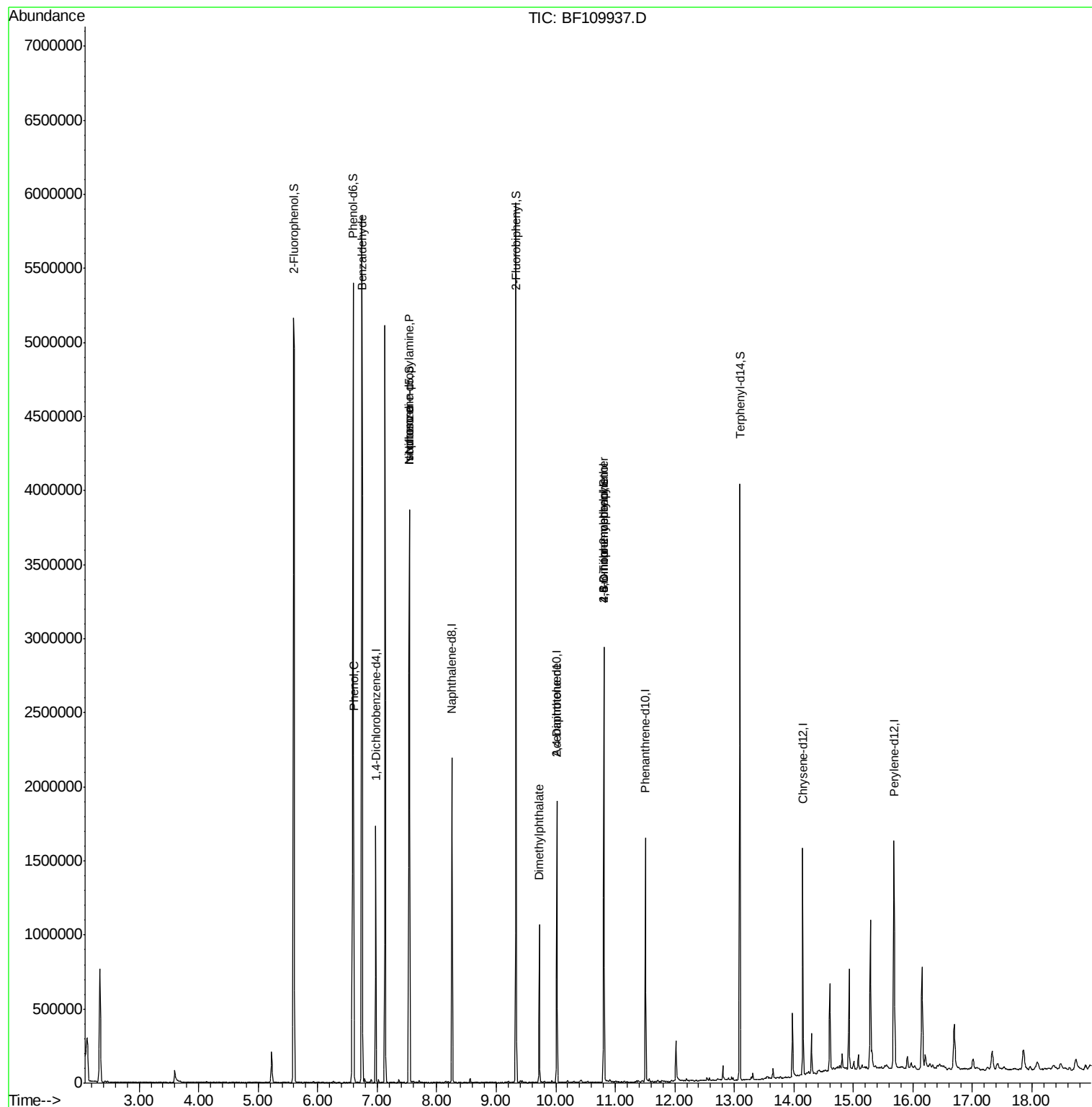
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	242252	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	921525	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	379468	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	556859	20.00	ng	0.00
76) Chrysene-d12	14.15	240	487165	20.00	ng	-0.01
87) Perylene-d12	15.68	264	458319	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1644768	107.62	ng	0.00
7) Phenol-d6	6.60	99	2053268	108.20	ng	0.00
23) Nitrobenzene-d5	7.54	82	1264641	92.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	365738	111.32	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1751238	73.64	ng	0.00
79) Terphenyl-d14	13.09	244	1290338	55.62	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.75	77	37212	3.017	ng	88
10) Phenol	6.61	94	109292	5.334	ng	# 57
19) n-Nitroso-di-n-propylamine	7.54	70	168201	13.804	ng	# 80
25) Isophorone	7.54	82	1264626	47.048	ng	# 67
50) Dimethylphthalate	9.72	163	378868	14.100	ng	99
57) 2,4-Dinitrotoluene	10.02	165	47376	11.230	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	719	8.202	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	22749	3.770	ng	# 1

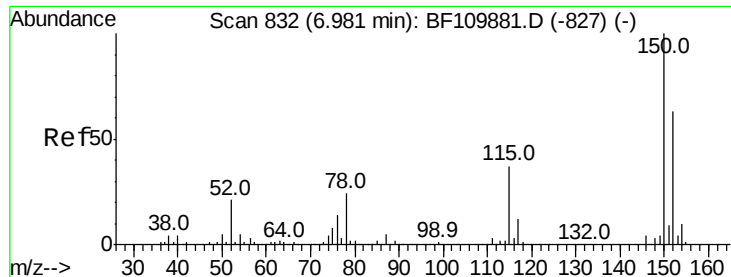
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 18 10:42:35 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



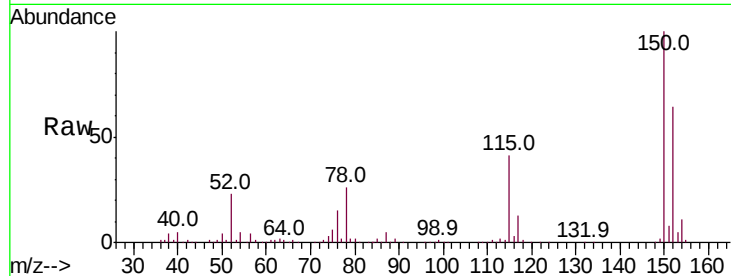


#1

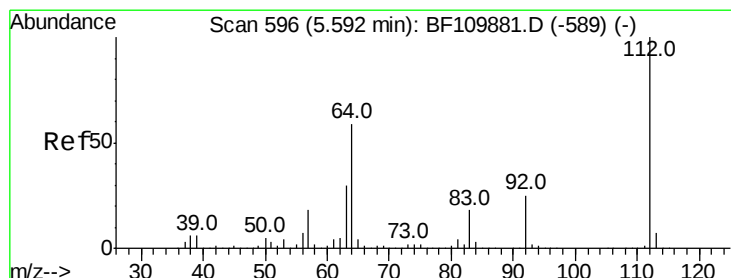
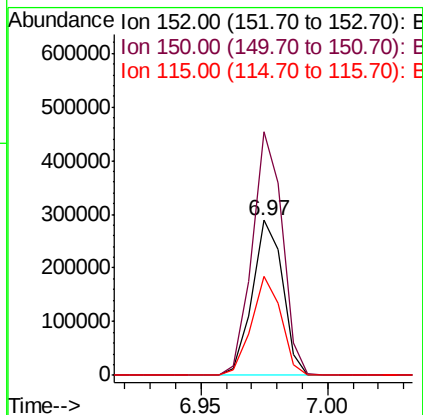
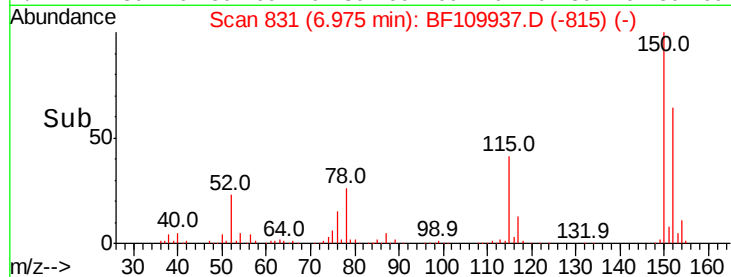
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 242252
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 64.2 49.1 73.7



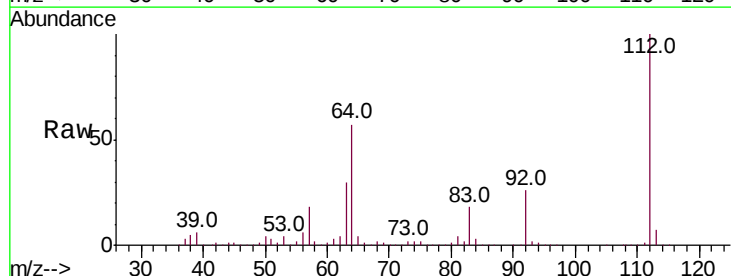
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



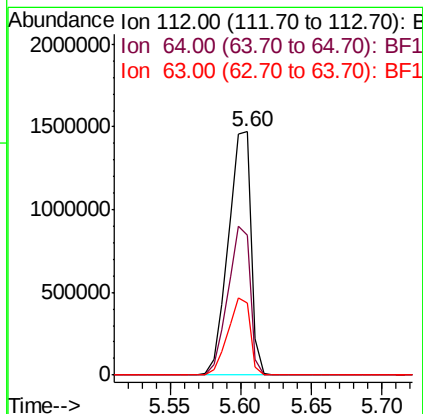
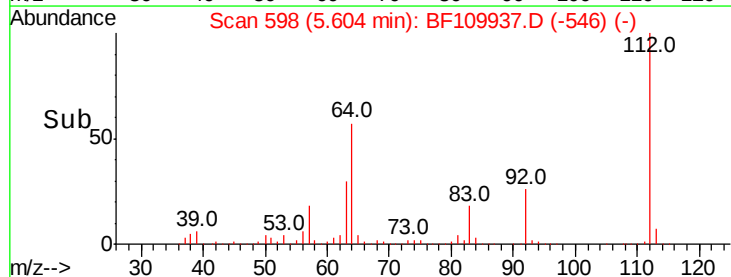
#5

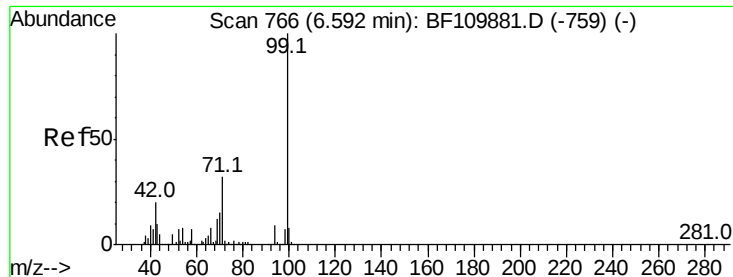
2-Fluorophenol
Concen: 107.623 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Tgt Ion:112 Resp: 1644768
Ion Ratio Lower Upper
112 100
64 57.3 44.1 66.1
63 29.6 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: 108.197 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109937.D

Acq: 17 Oct 2018 23:02

Instrument :

BNA_F

ClientSampled :

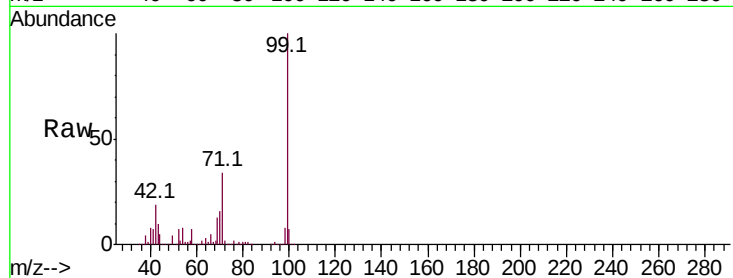
Tot Ion: 99 Resp: 2053268

Ion Ratio Lower Upper

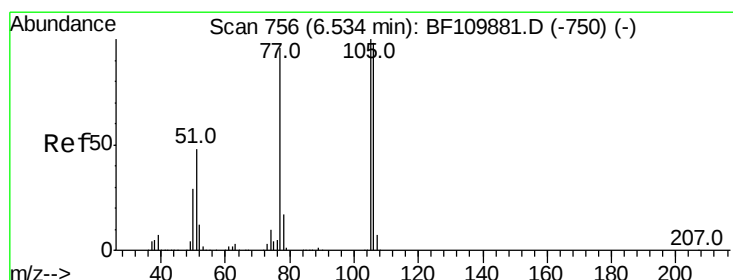
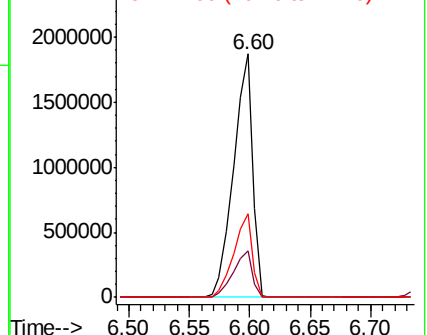
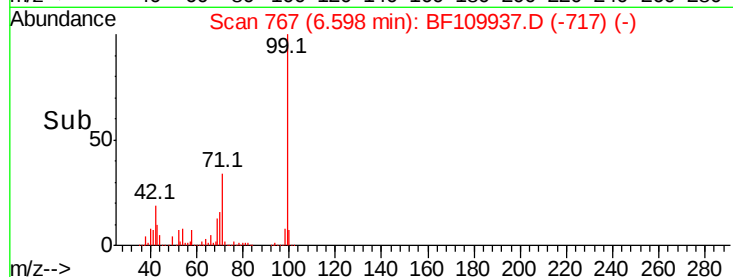
99 100

42 19.3 15.8 23.6

71 34.3 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: 3.017 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.21 min

Lab File: BF109937.D

Acq: 17 Oct 2018 23:02

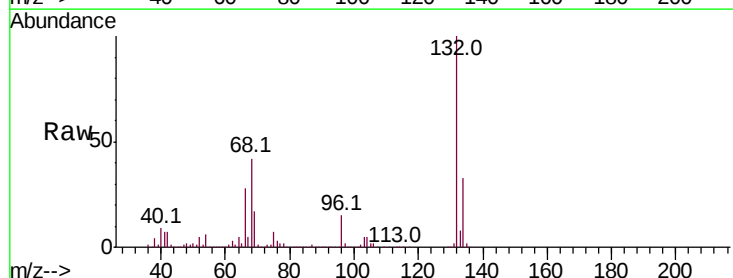
Tgt Ion: 77 Resp: 37212

Ion Ratio Lower Upper

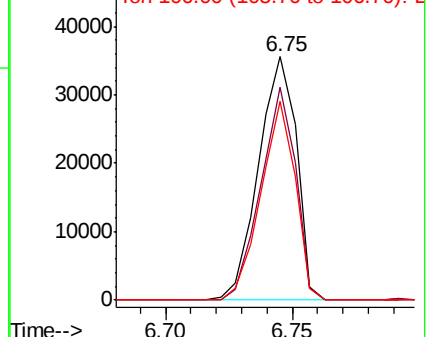
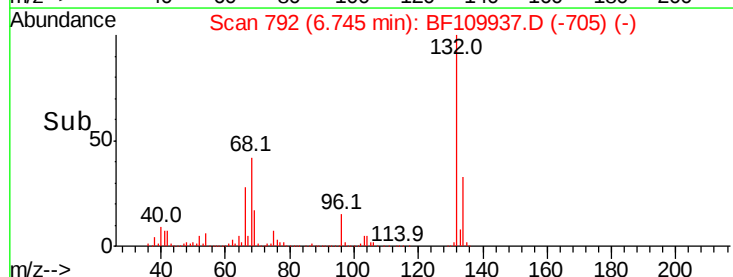
77 100

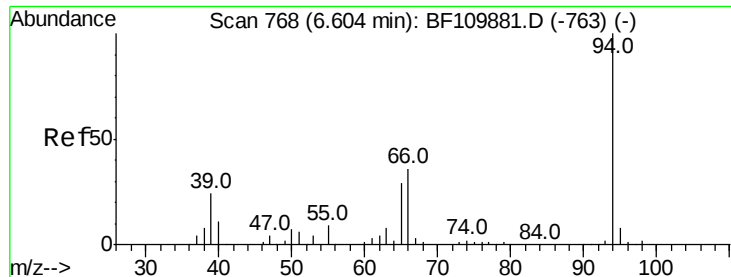
105 87.4 78.6 118.6

106 81.8 74.8 114.8



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

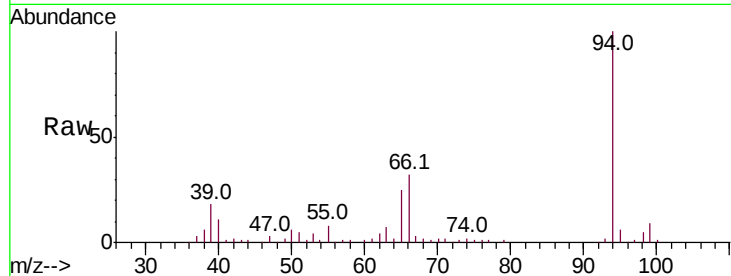




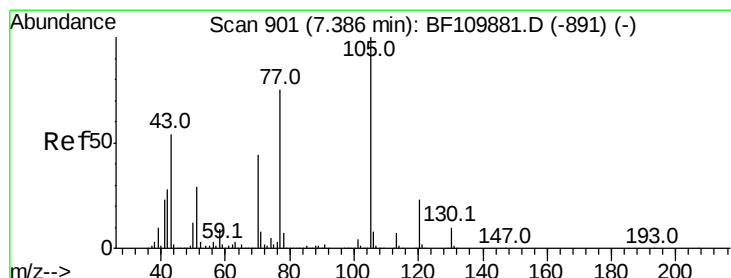
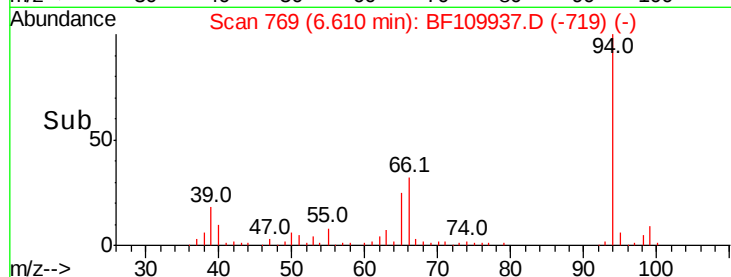
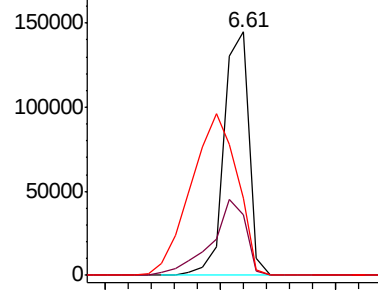
#10
Phenol
Concen: 5.334 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 109292
Ion Ratio Lower Upper
94 100
65 24.6 25.3 65.3#
66 31.9 54.5 94.5#

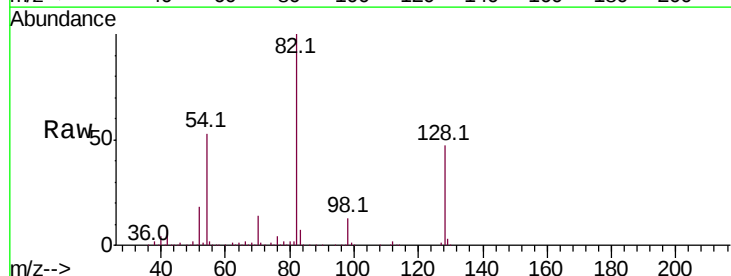


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

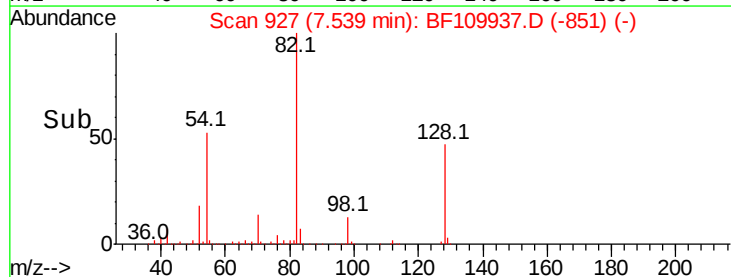
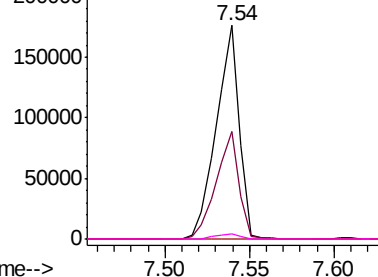


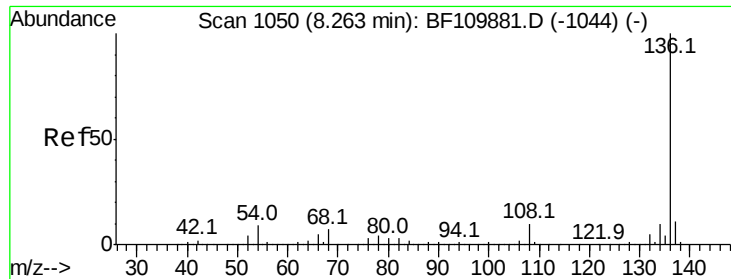
#19
n-Nitroso-di-n-propylamine
Concen: 13.804 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Tgt Ion: 70 Resp: 168201
Ion Ratio Lower Upper
70 100
42 50.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 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

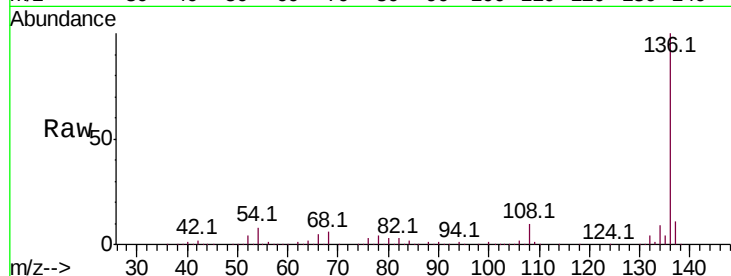




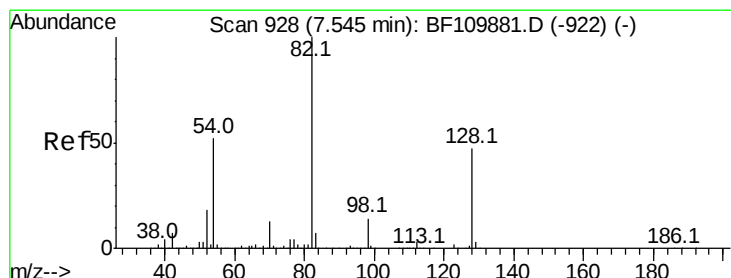
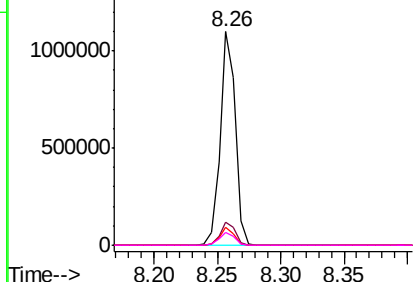
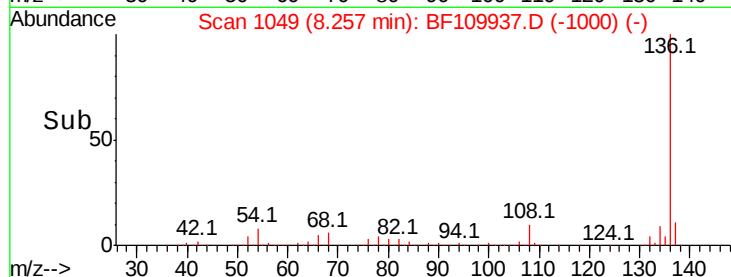
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	921525
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.3	5.4	8.2#
68	6.1	4.2	6.2

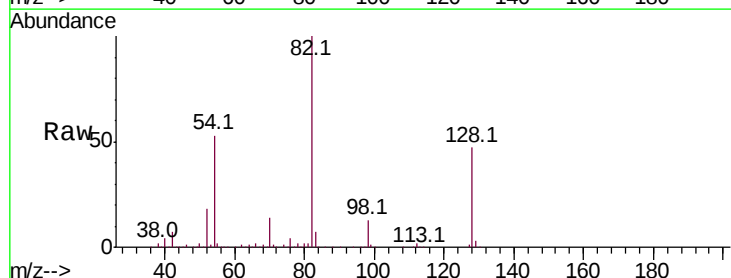


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

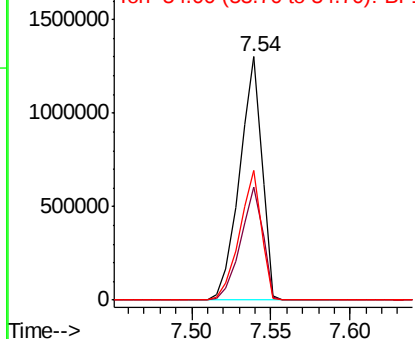
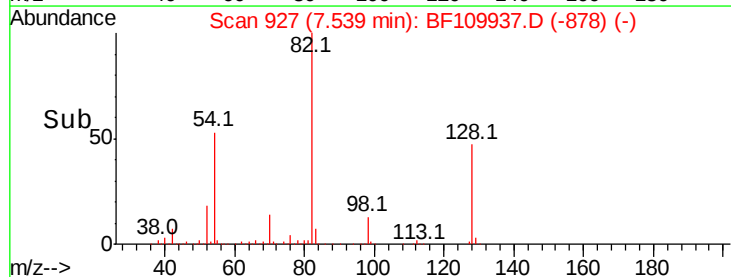


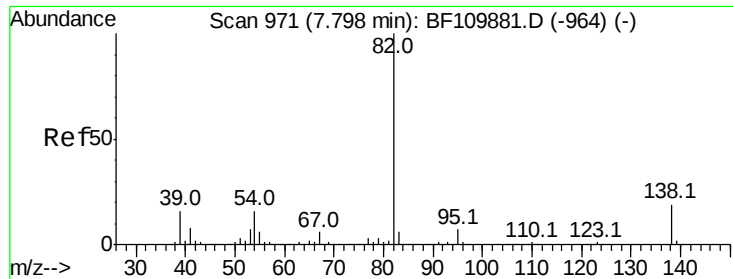
#23
Nitrobenzene-d5
Concen: 92.446 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Tgt Ion:	82	Resp:	1264641
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.2	51.2
54	53.1	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: 47.048 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109937.D

Acq: 17 Oct 2018 23:02

Instrument :

BNA_F

ClientSampleId :

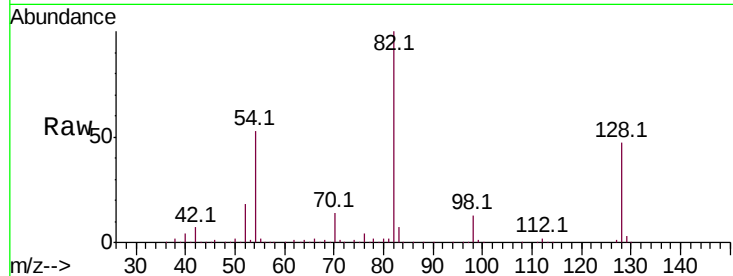
Tot Ion: 82 Resp: 1264626

Ion Ratio Lower Upper

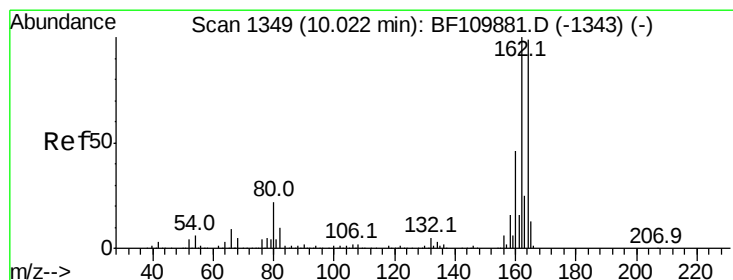
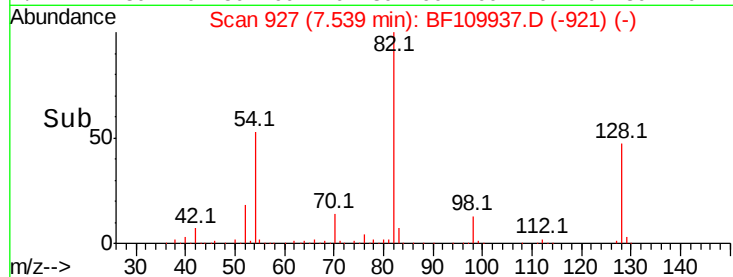
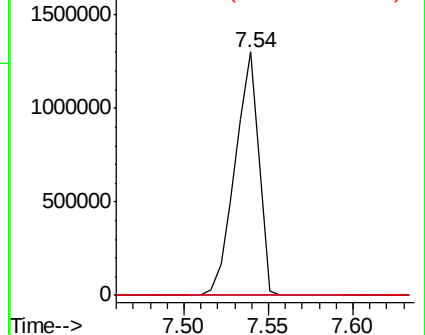
82 100

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109937.D

Acq: 17 Oct 2018 23:02

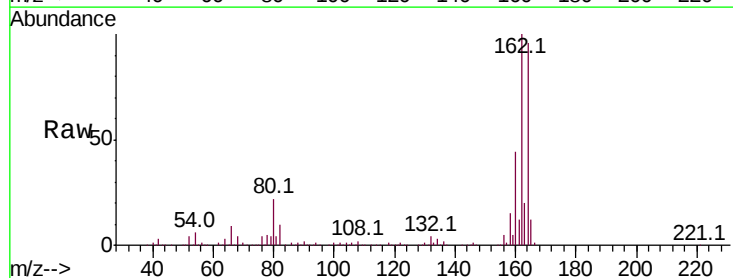
Tgt Ion:164 Resp: 379468

Ion Ratio Lower Upper

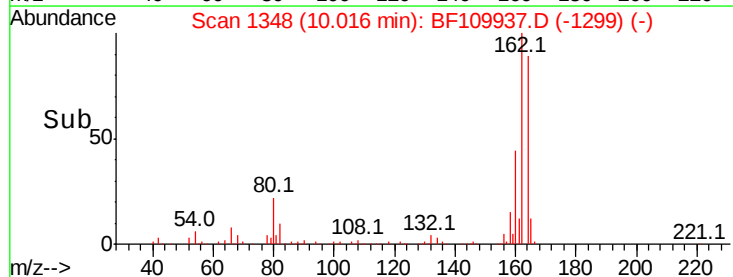
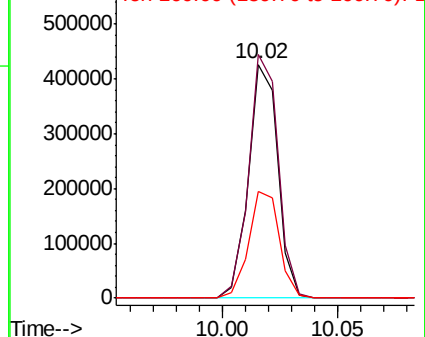
164 100

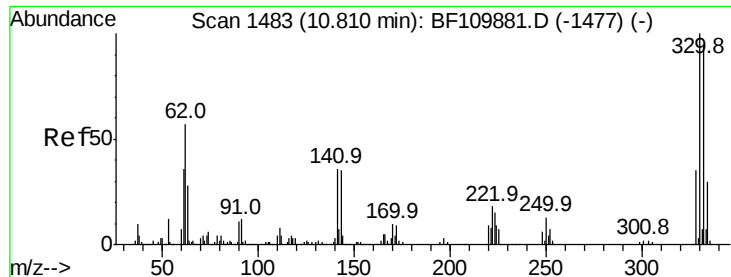
162 104.2 83.0 124.6

160 45.4 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

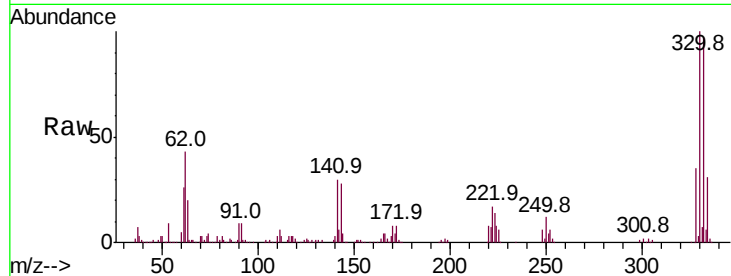




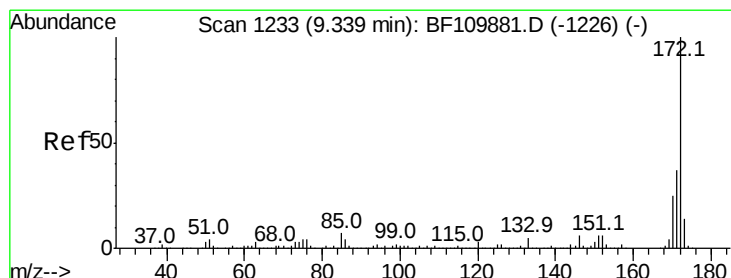
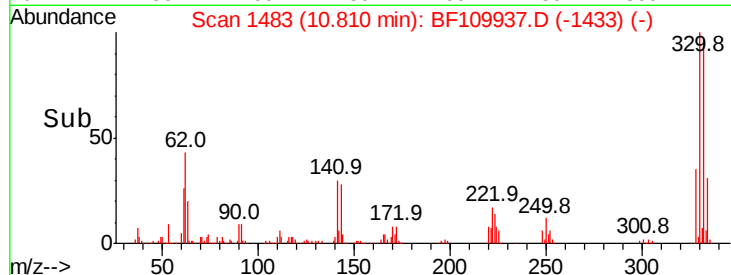
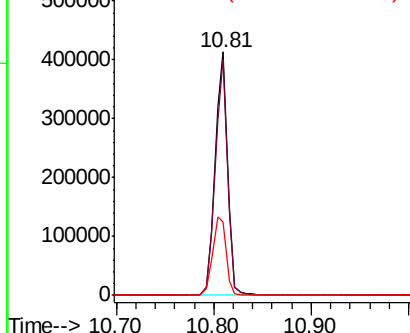
#42
 2,4,6-Tribromophenol
 Concen: 111.324 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109937.D
 Acq: 17 Oct 2018 23:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	35.1	27.0	40.4

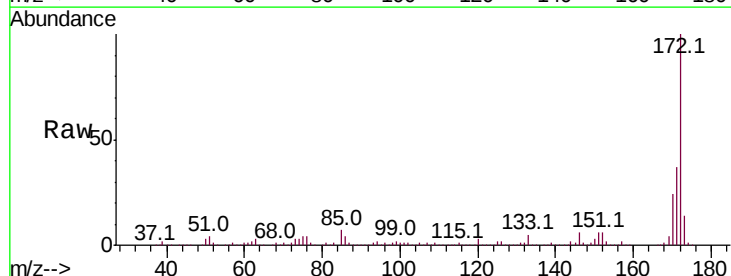


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

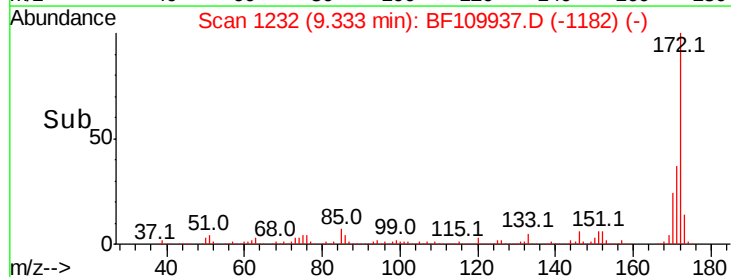
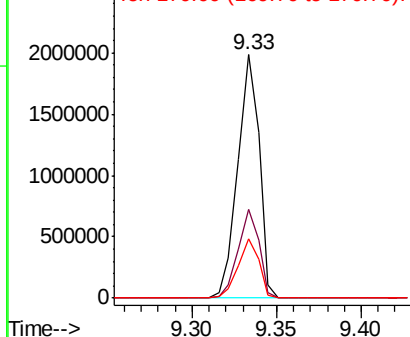


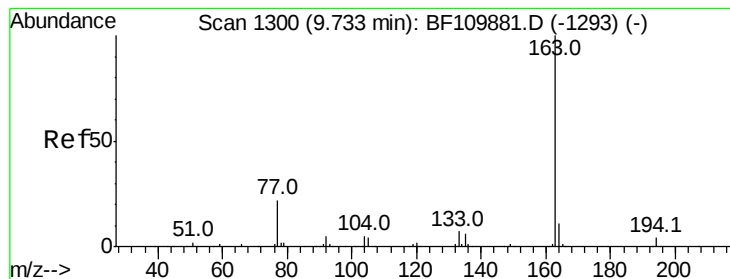
#45
 2-Fluorobiphenyl
 Concen: 73.639 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109937.D
 Acq: 17 Oct 2018 23:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.5	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: 14.100 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF109937.D

Acq: 17 Oct 2018 23:02

Instrument :

BNA_F

ClientSampleId :

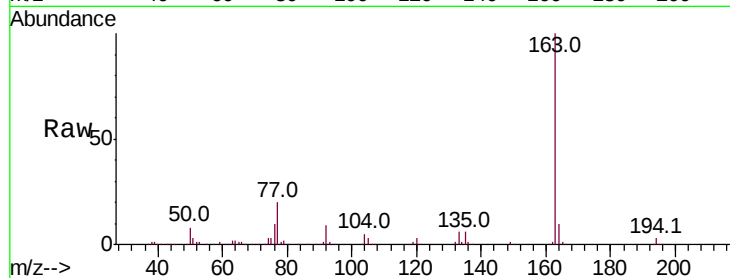
Tot Ion:163 Resp: 378868

Ion Ratio Lower Upper

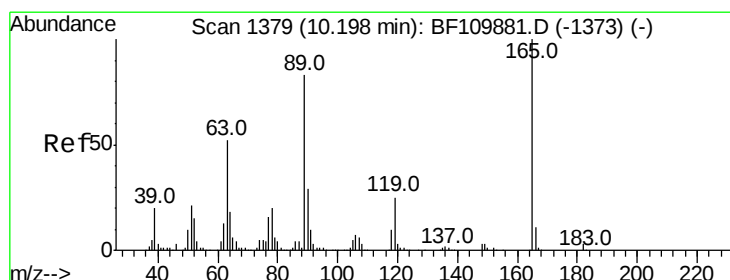
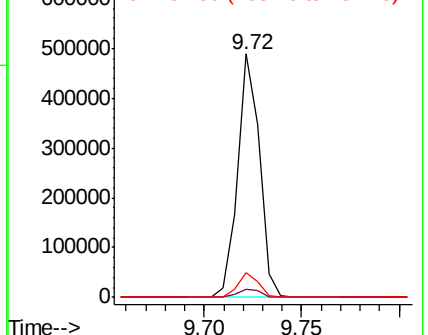
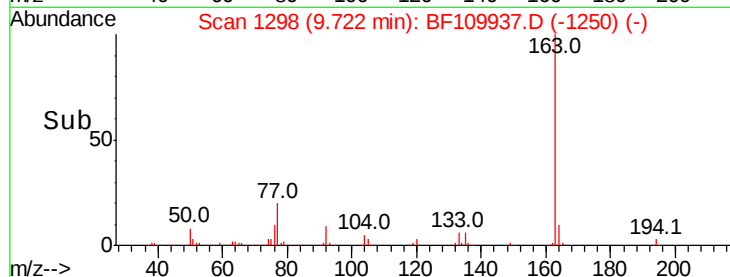
163 100

194 3.2 3.2 4.8

164 10.0 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: 11.230 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.19 min

Lab File: BF109937.D

Acq: 17 Oct 2018 23:02

Tgt Ion:165 Resp: 47376

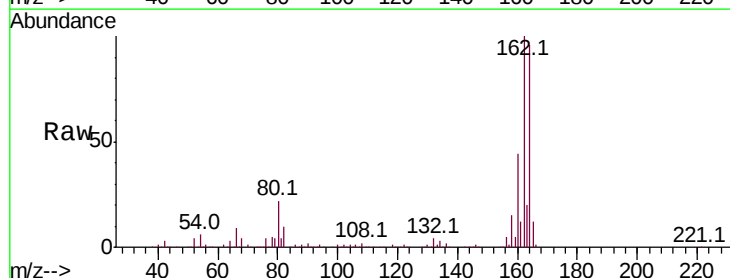
Ion Ratio Lower Upper

165 100

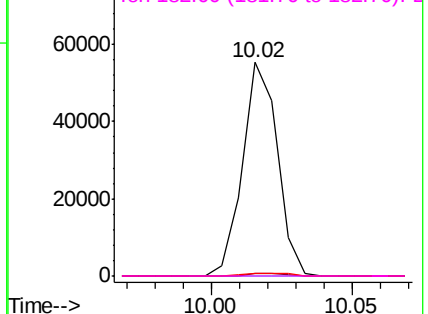
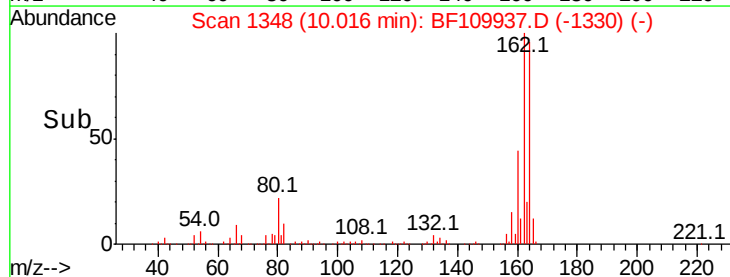
63 1.1 44.8 67.2#

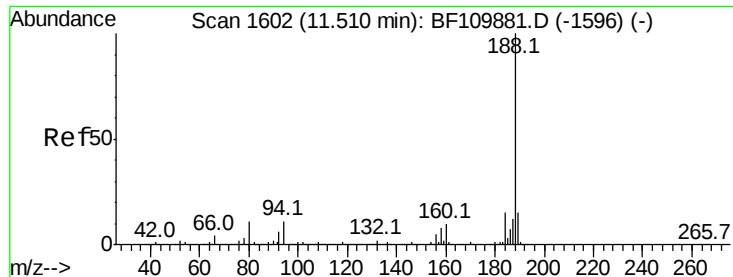
89 1.1 62.2 93.4#

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: BF109937.D

Acq: 17 Oct 2018 23:02

Instrument :

BNA_F

ClientSampleId :

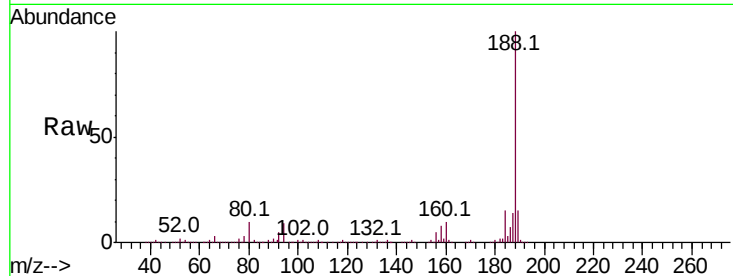
Tot Ion:188 Resp: 556859

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

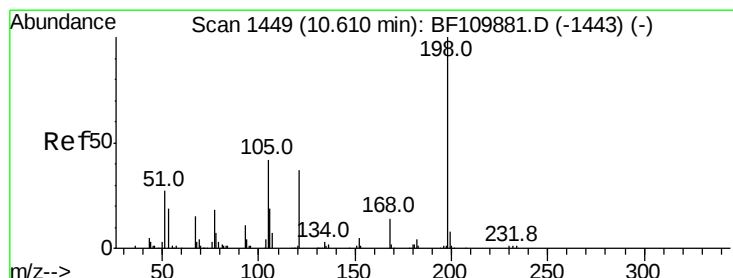
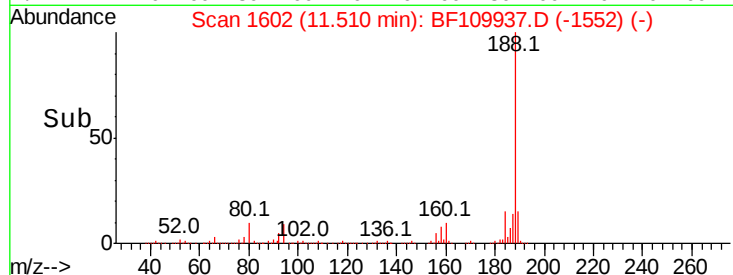
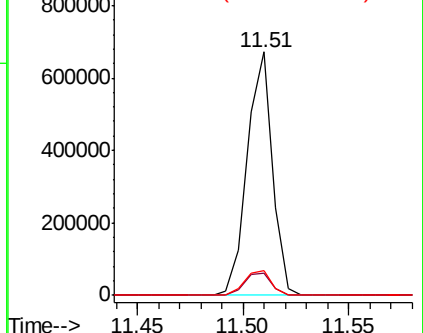
80 9.9 7.9 11.9



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: 8.202 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF109937.D

Acq: 17 Oct 2018 23:02

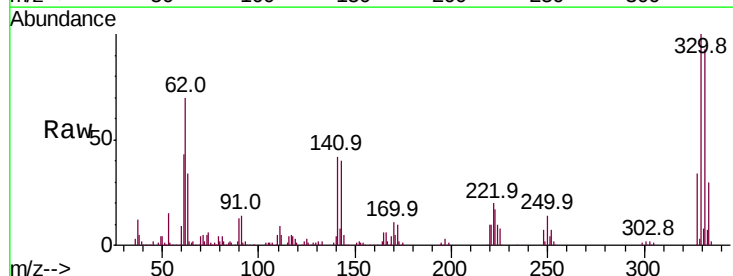
Tgt Ion:198 Resp: 719

Ion Ratio Lower Upper

198 100

51 253.2 22.8 62.8#

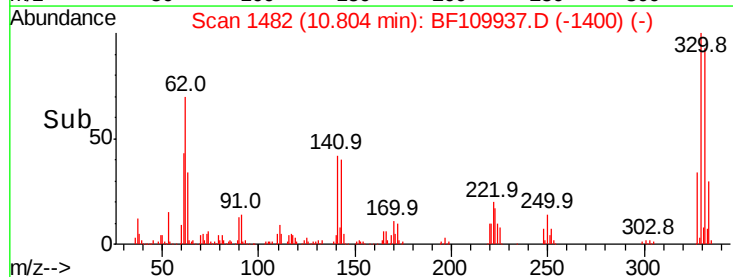
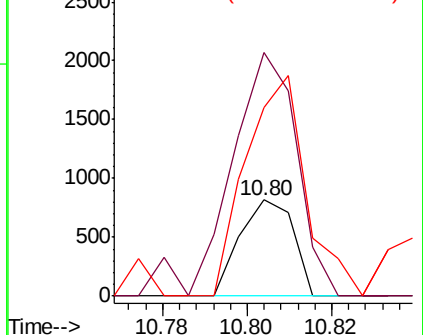
105 196.7 23.6 63.6#

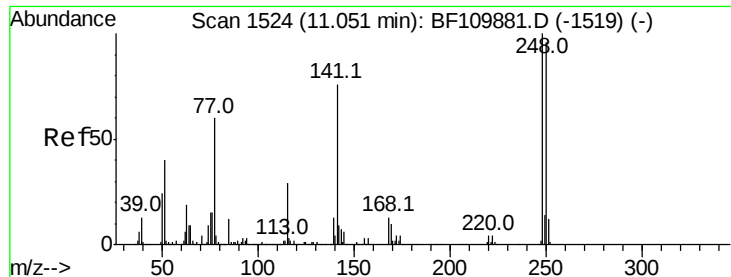


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

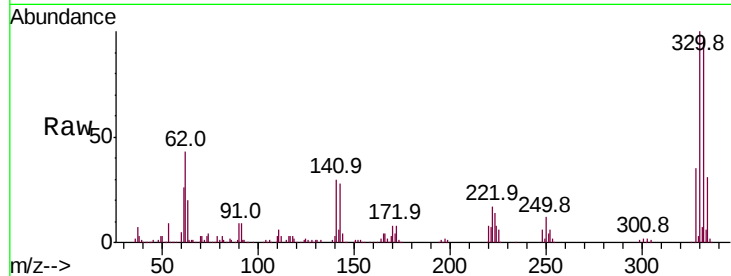




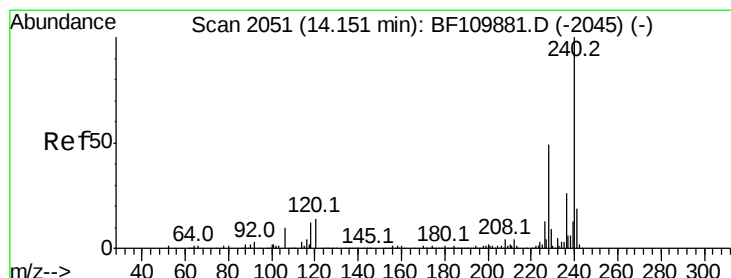
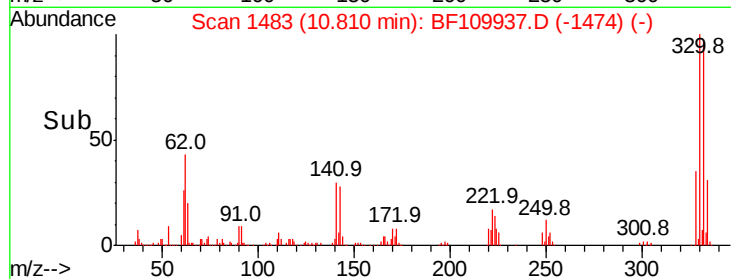
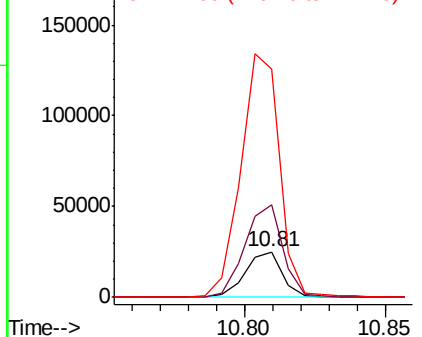
#67
4-Bromophenyl-phenylether
Concen: 3.770 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 22749
Ion Ratio Lower Upper
248 100
250 202.2 79.4 119.2#
141 501.3 55.9 83.9#

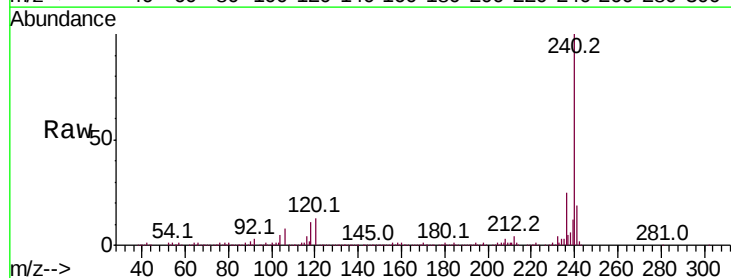


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

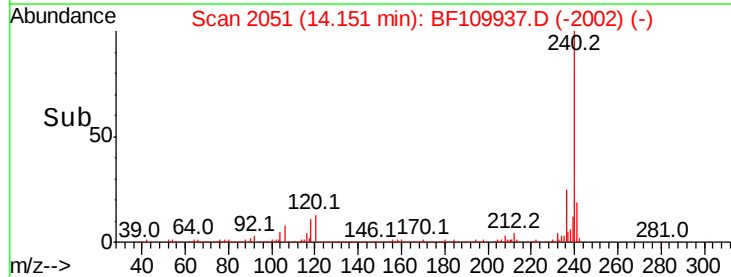
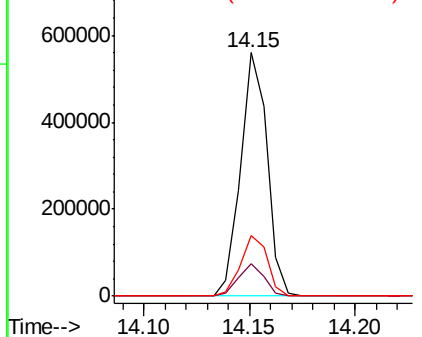


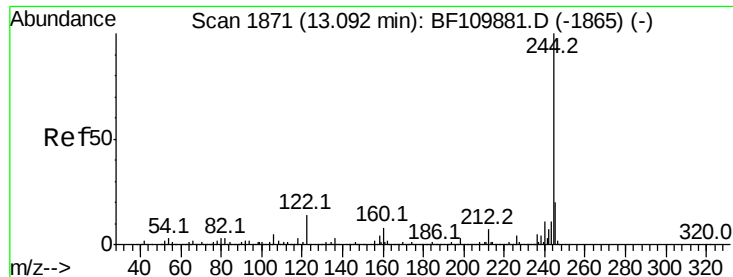
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Tgt Ion:240 Resp: 487165
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 24.7 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



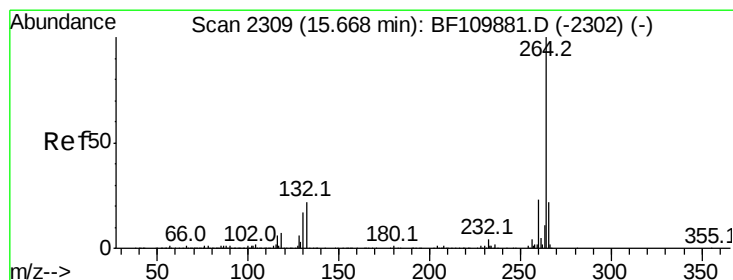
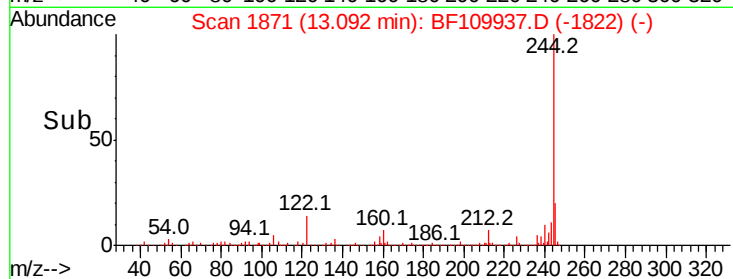
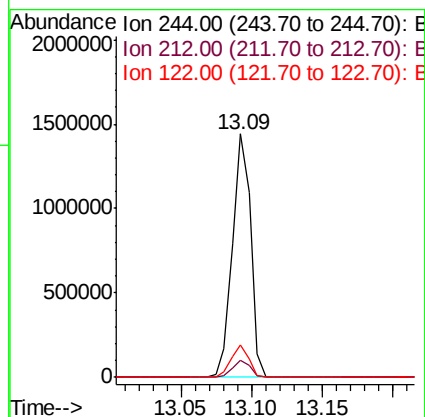
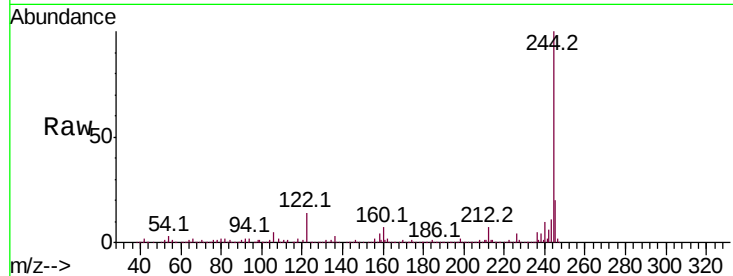


#79
 Terphenyl-d14
 Concen: 55.620 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109937.D
 Acq: 17 Oct 2018 23:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1290338

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.5	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: BF109937.D
 Acq: 17 Oct 2018 23:02

Tgt Ion:264 Resp: 458319

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.8	16.7	25.1

