

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109953.D
 Acq On : 18 Oct 2018 11:37
 Operator : JU/SJ
 Sample : J5542-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:21:12 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

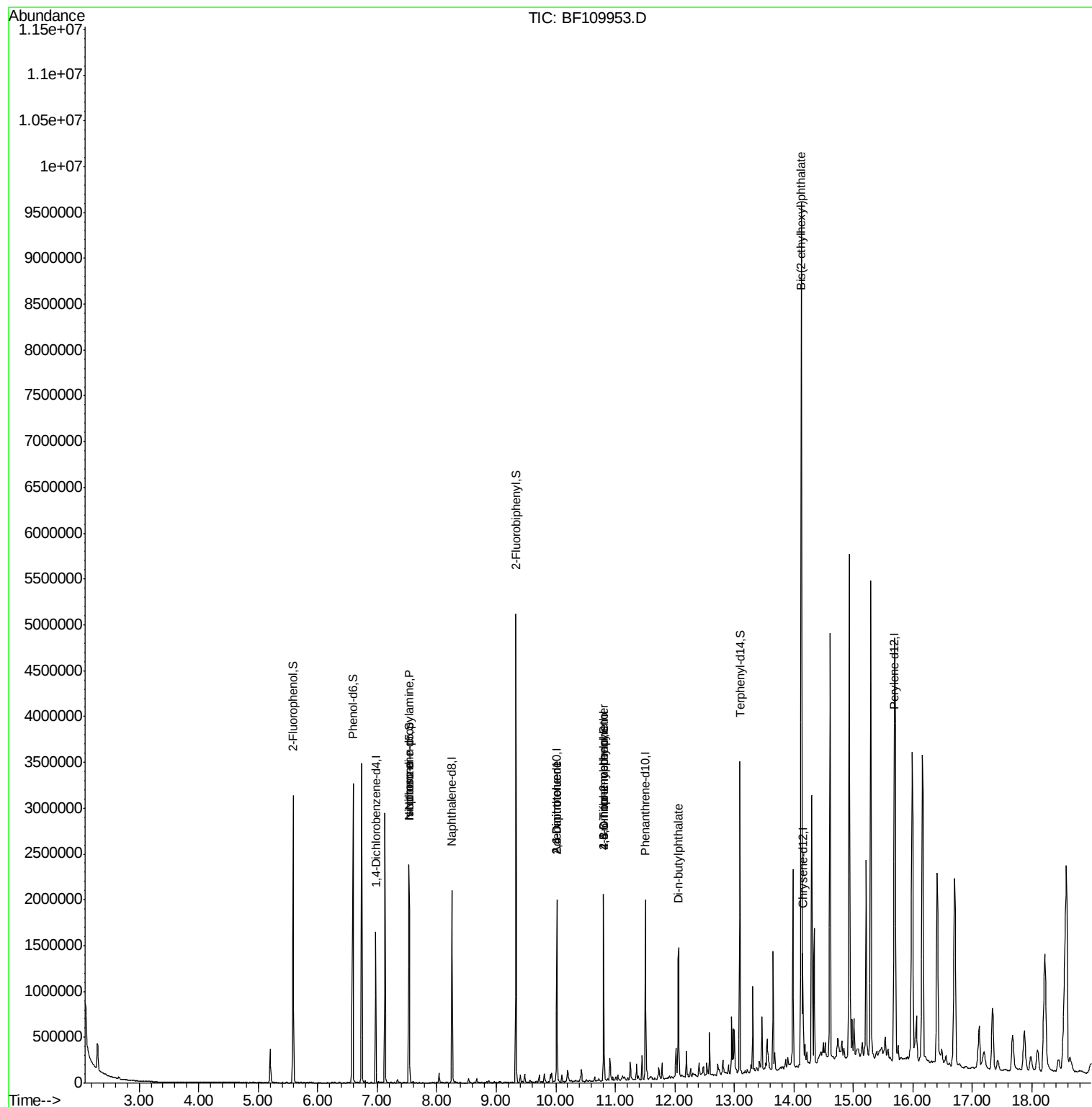
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	221744	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	869010	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	389228	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	646570	20.00	ng	0.00
76) Chrysene-d12	14.15	240	424951	20.00	ng	-0.01
87) Perylene-d12	15.68	264	421722	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	865896	61.90	ng	0.00
7) Phenol-d6	6.59	99	1167791	67.23	ng	-0.01
23) Nitrobenzene-d5	7.53	82	741318	57.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	224006	66.47	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1431261	58.68	ng	0.00
79) Terphenyl-d14	13.09	244	1073944	53.07	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	99056	8.881	ng	# 81
25) Isophorone	7.53	82	741311	29.246	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	50664	9.678	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	50664	11.513	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	494	8.081	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	14301	2.041	ng	# 1
74) Di-n-butylphthalate	12.06	149	694412	18.813	ng	98
84) Bis(2-ethylhexyl)phthalate	14.13	149	3043075	183.277	ng	# 93

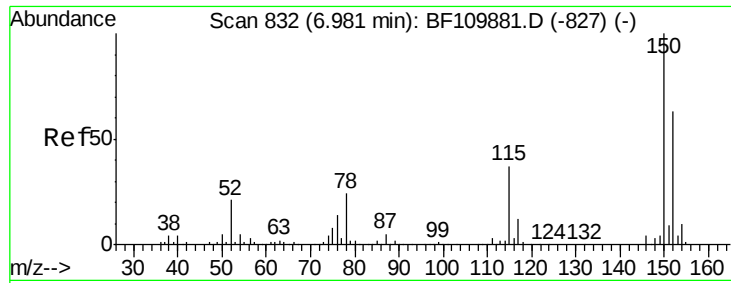
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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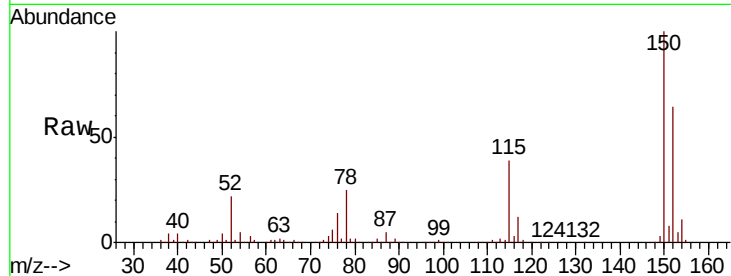


#1

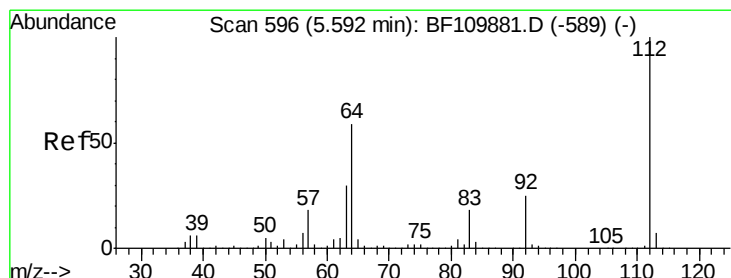
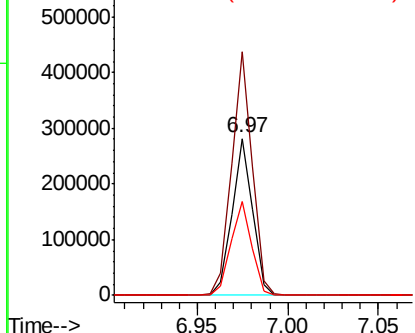
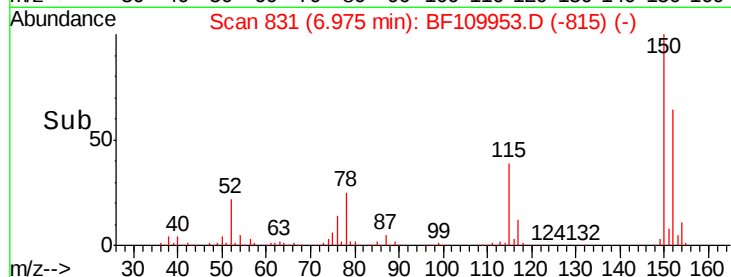
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109953.D
Acq: 18 Oct 2018 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 221744
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 59.9 49.1 73.7



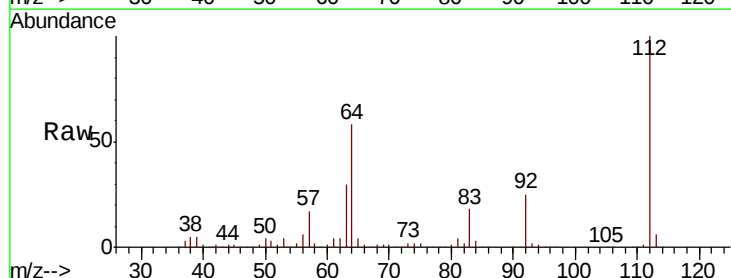
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



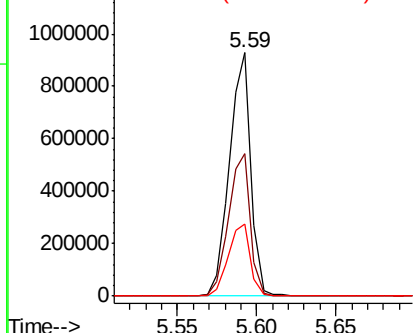
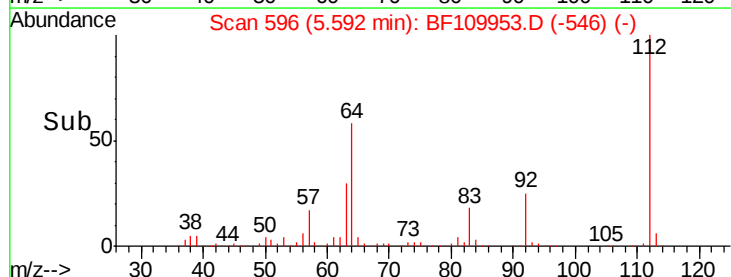
#5

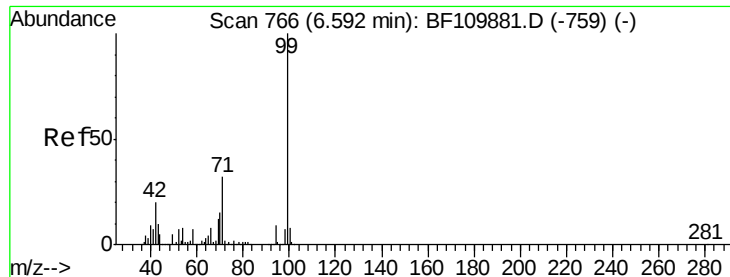
2-Fluorophenol
Concen: 61.899 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109953.D
Acq: 18 Oct 2018 11:37

Tgt Ion:112 Resp: 865896
Ion Ratio Lower Upper
112 100
64 58.5 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: 67.228 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109953.D

Acq: 18 Oct 2018 11:37

Instrument :

BNA_F

ClientSampleId :

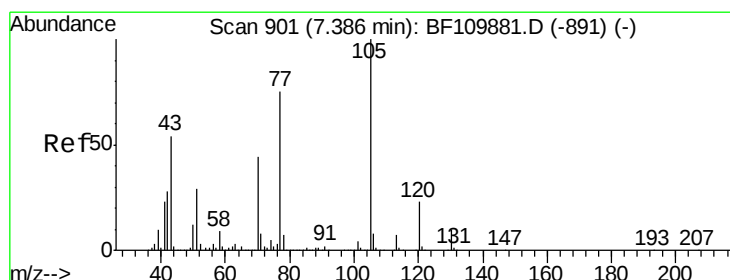
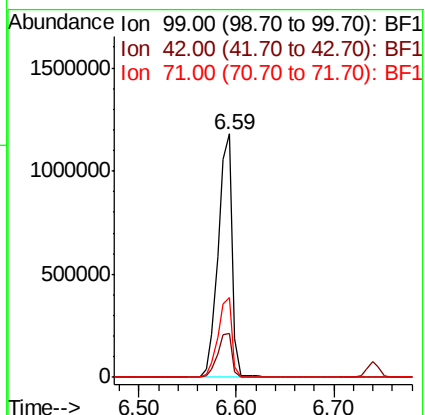
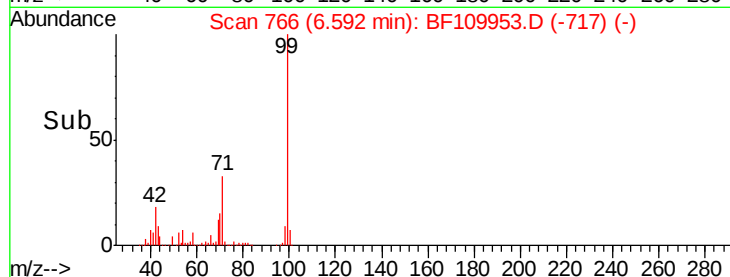
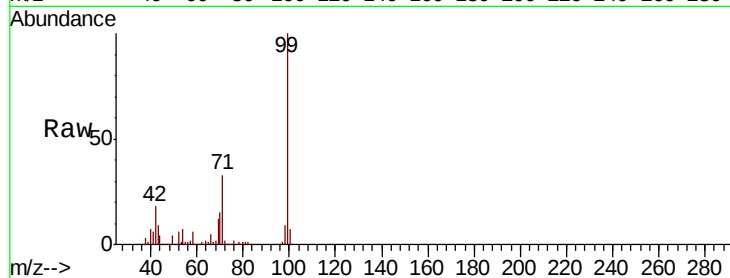
Tot Ion: 99 Resp: 1167791

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

71 32.5 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.881 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF109953.D

Acq: 18 Oct 2018 11:37

Tgt Ion: 70 Resp: 99056

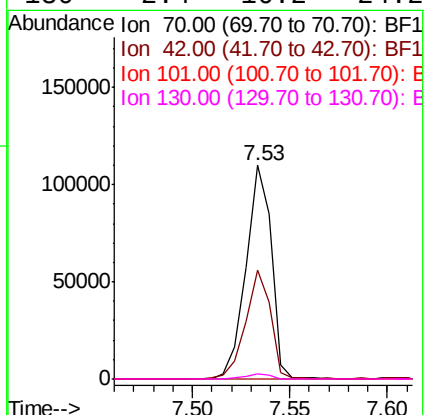
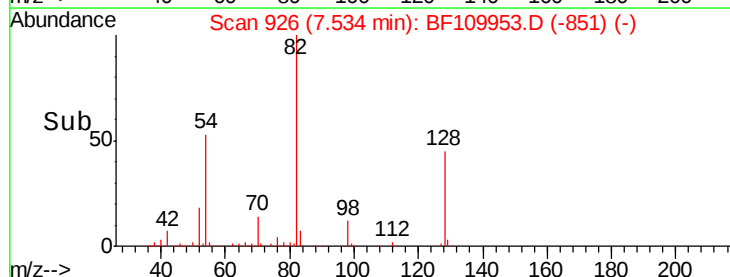
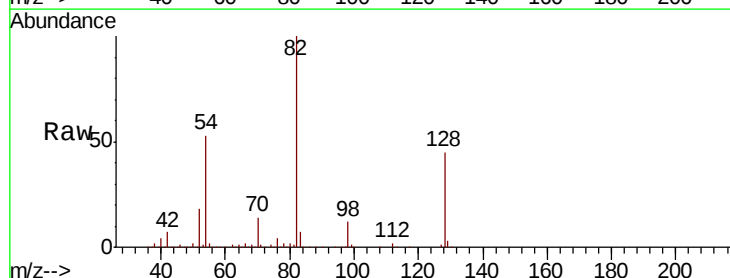
Ion Ratio Lower Upper

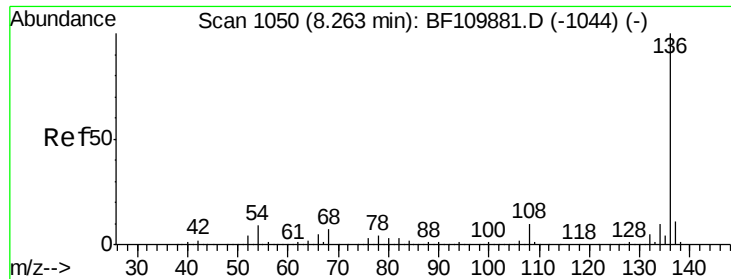
70 100

42 51.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

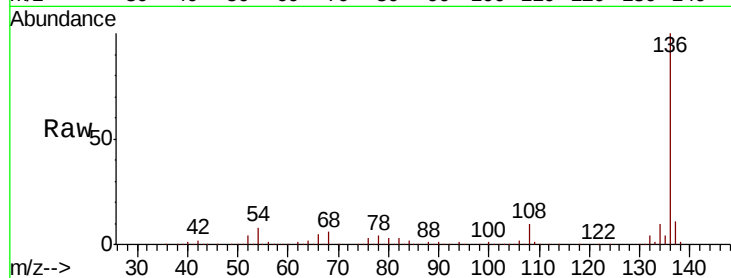




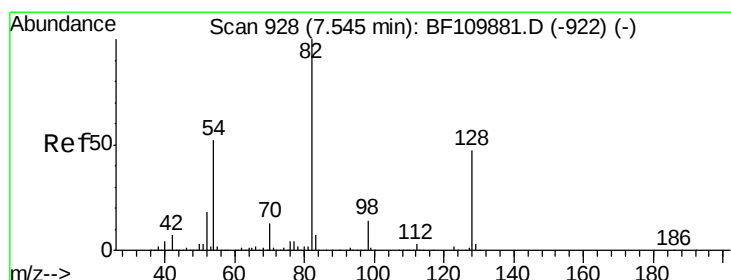
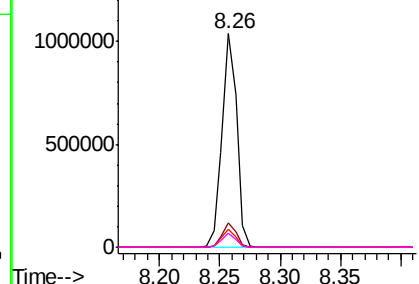
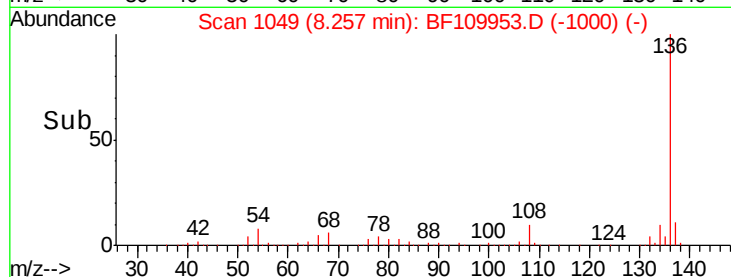
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109953.D
Acq: 18 Oct 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	869010
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	8.4	5.4 8.2#
68	6.4	4.2 6.2#

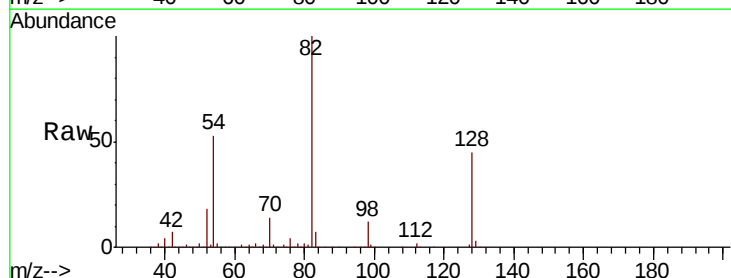


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

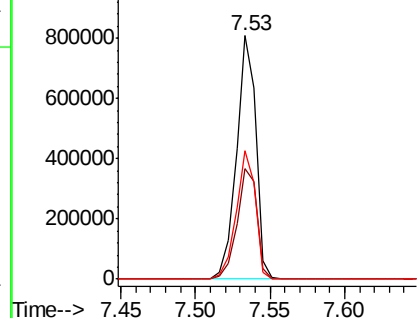
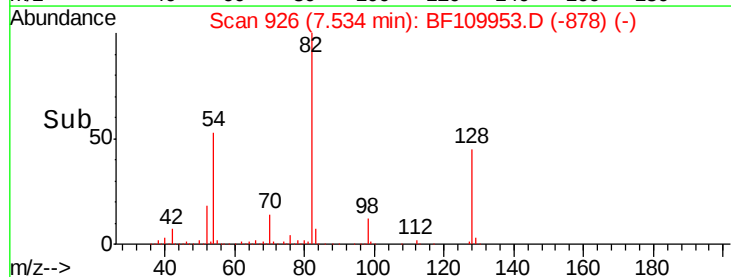


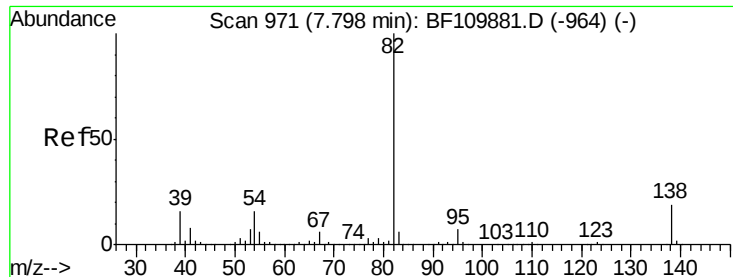
#23
Nitrobenzene-d5
Concen: 57.465 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109953.D
Acq: 18 Oct 2018 11:37

Tgt Ion: 82	Resp:	741318
Ion Ratio	Lower	Upper
82	100	
128	45.2	34.2 51.2
54	52.6	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: 29.246 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF109953.D

Acq: 18 Oct 2018 11:37

Instrument :

BNA_F

ClientSampleId :

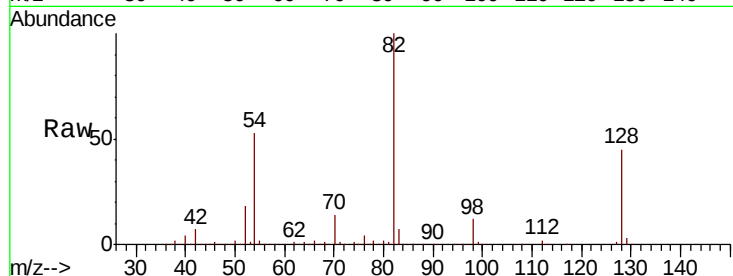
Tot Ion: 82 Resp: 741311

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

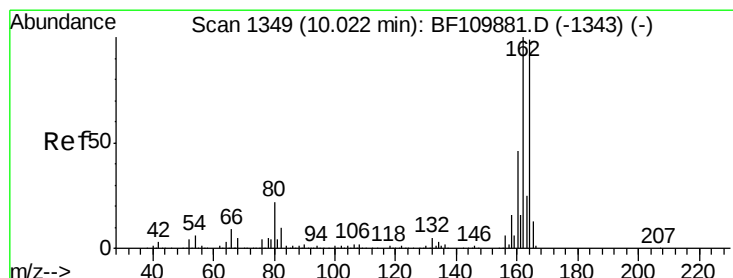
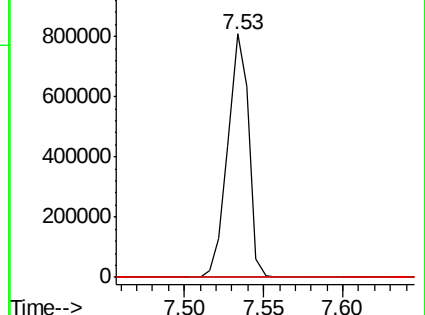
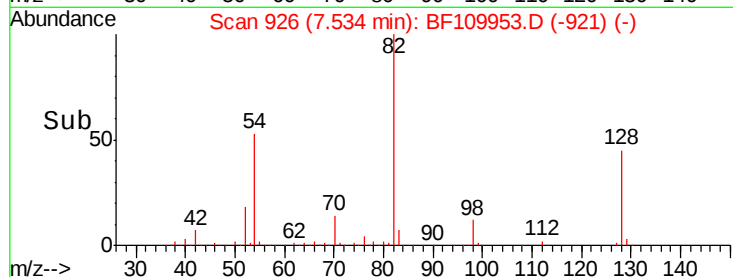
138 0.0 13.2 19.8#



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: BF109953.D

Acq: 18 Oct 2018 11:37

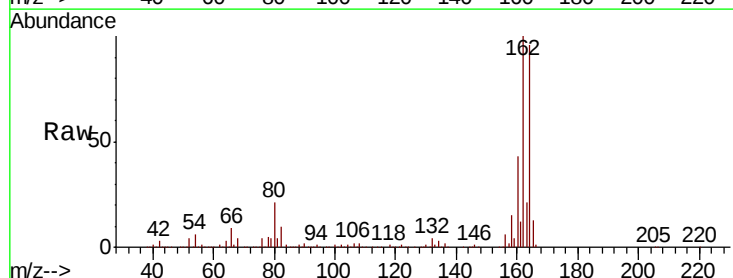
Tgt Ion:164 Resp: 389228

Ion Ratio Lower Upper

164 100

162 103.9 83.0 124.6

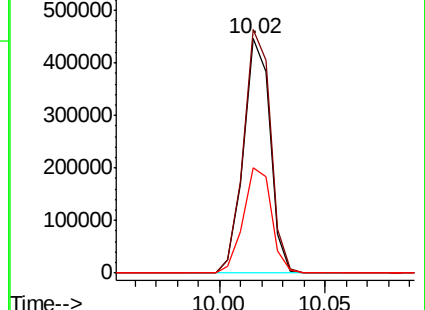
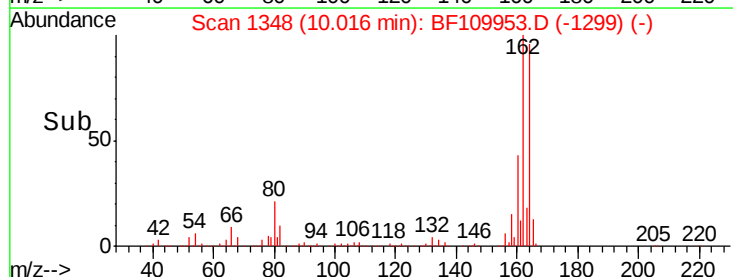
160 44.8 37.0 55.6

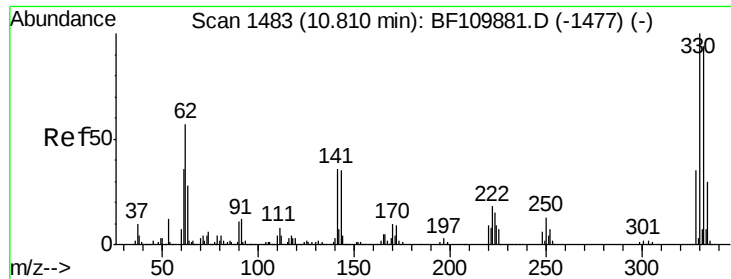


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

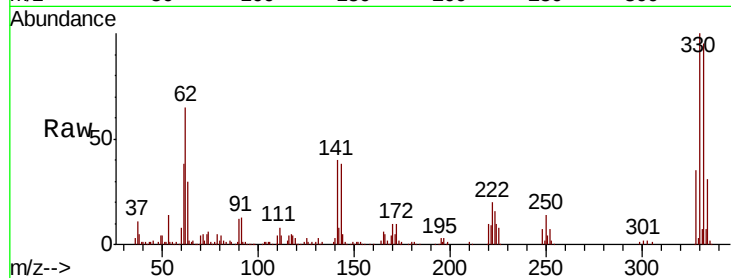




#42
 2,4,6-Tribromophenol
 Concen: 66.474 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109953.D
 Acq: 18 Oct 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	35.6	27.0	40.4

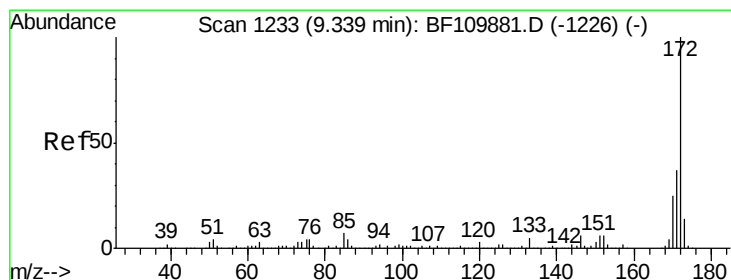
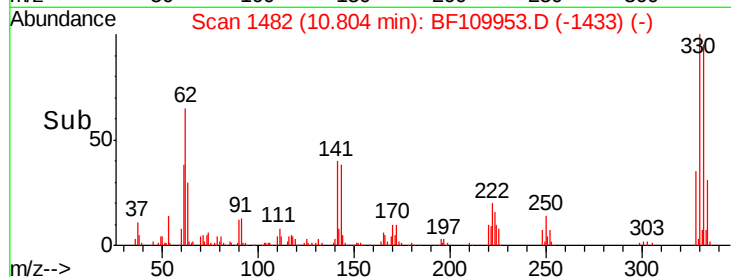
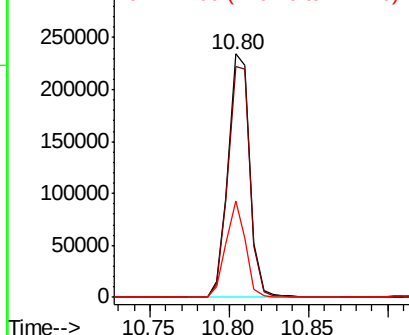


Abundance

Ion 329.80 (329.50 to 330.50): E

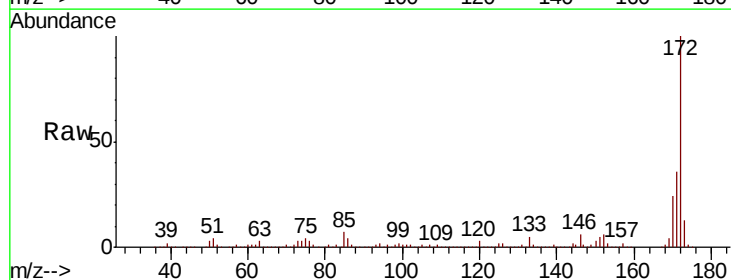
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 58.675 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109953.D
 Acq: 18 Oct 2018 11:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.7	29.5

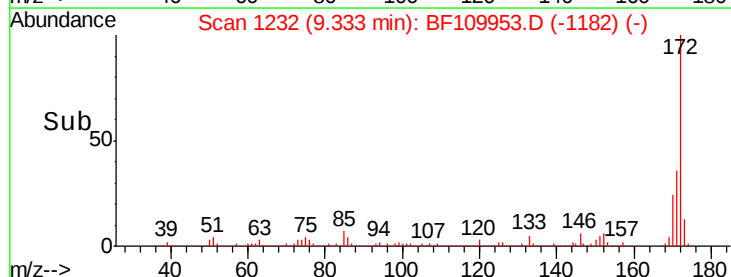
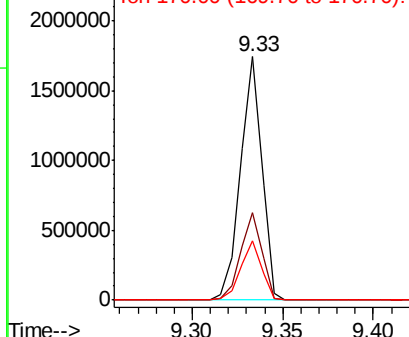


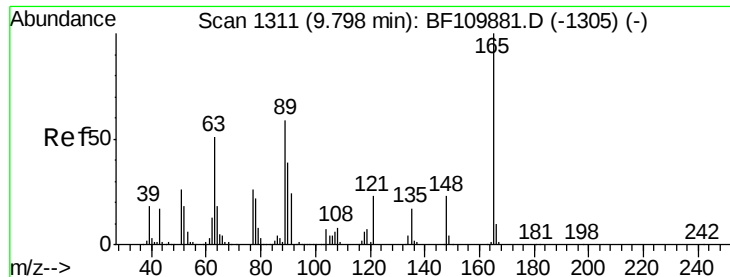
Abundance

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

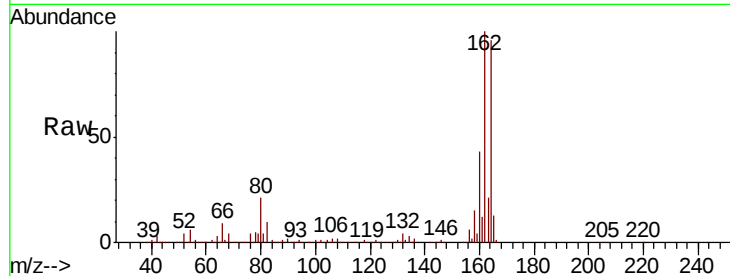




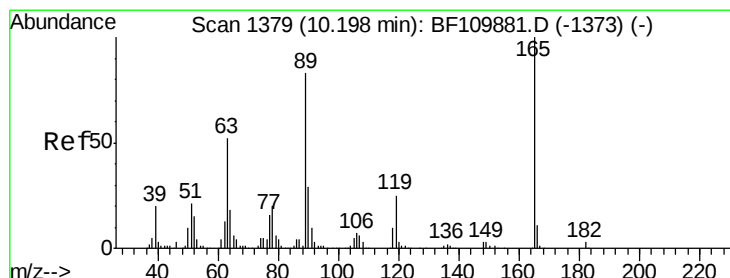
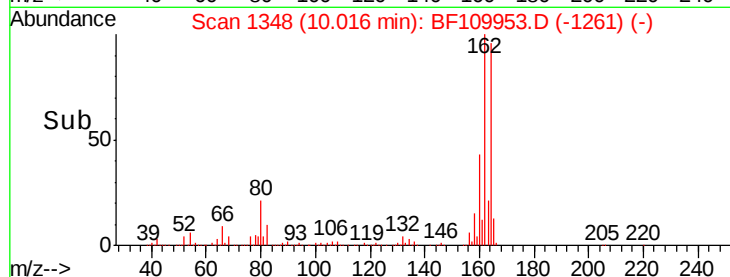
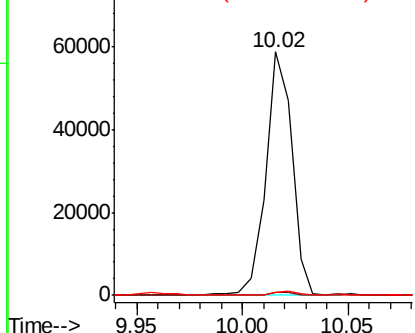
#51
2,6-Dinitrotoluene
Concen: 9.678 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109953.D
Acq: 18 Oct 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.9	73.3#
89	1.4	46.6	69.8#



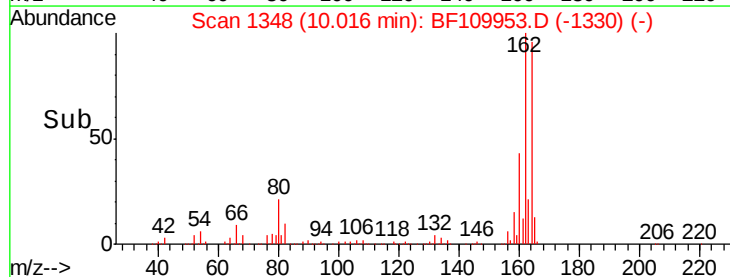
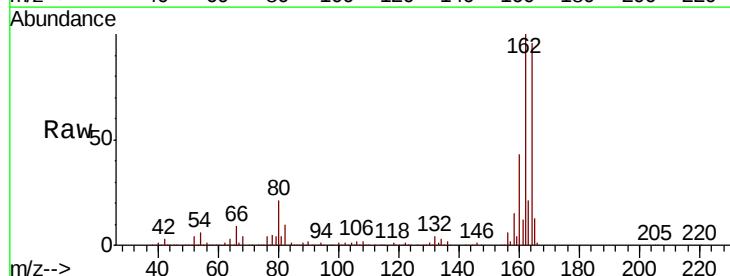
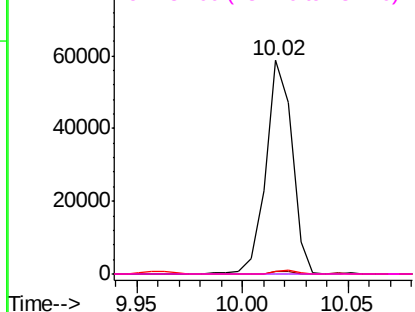
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

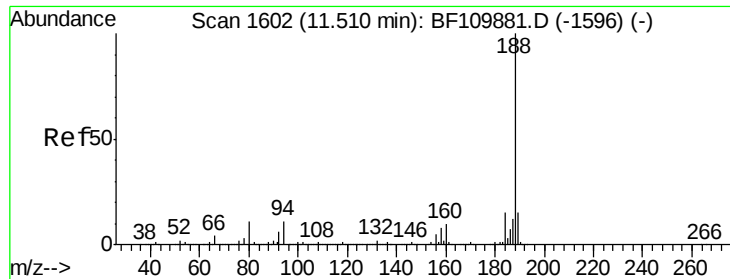


#57
2,4-Dinitrotoluene
Concen: 11.513 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF109953.D
Acq: 18 Oct 2018 11:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.4	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

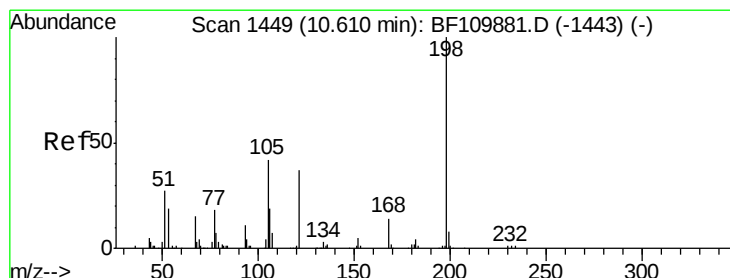
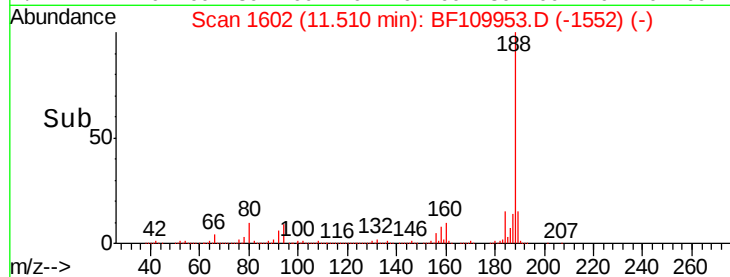
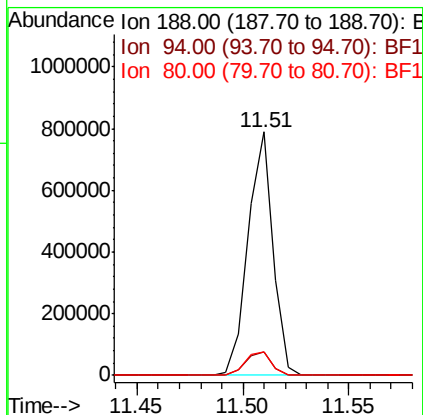
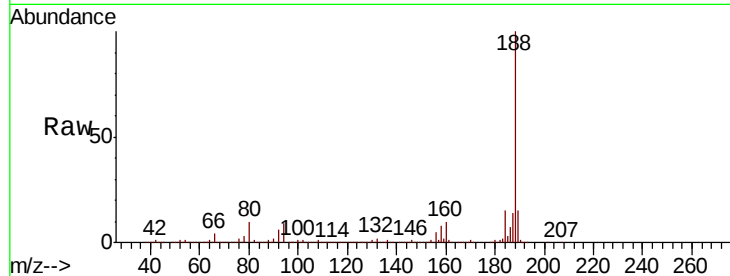




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109953.D
Acq: 18 Oct 2018 11:37

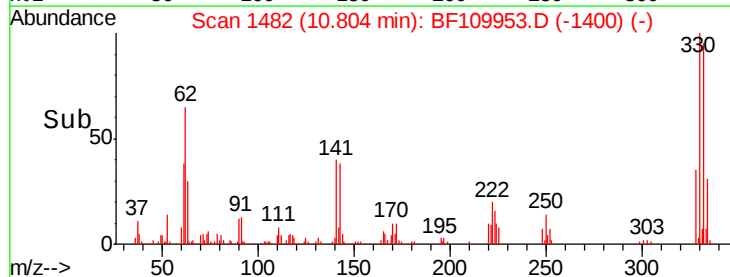
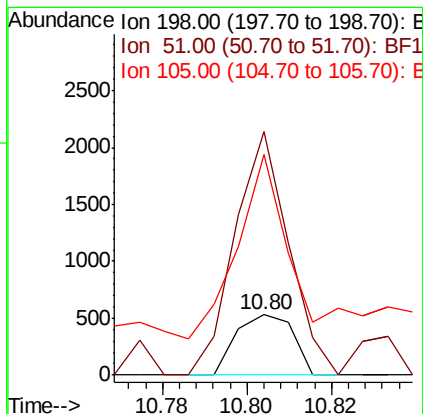
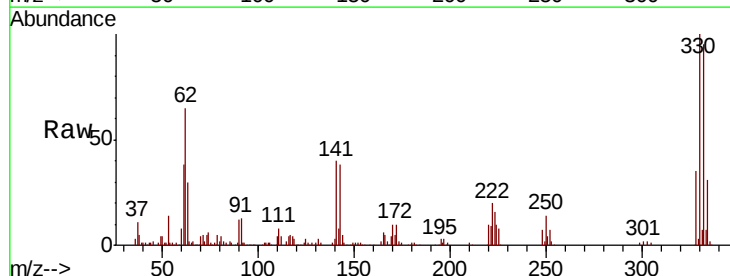
Instrument :
BNA_F
ClientSampleId :

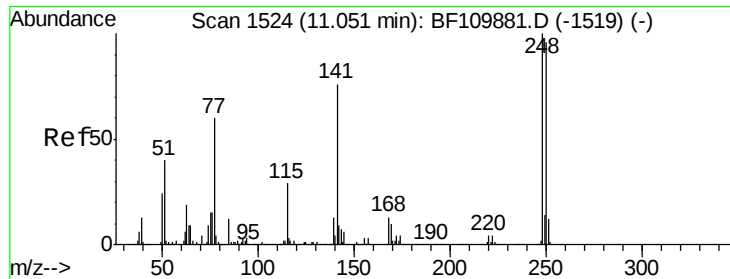
Tot Ion:188 Resp: 646570
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 9.8 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 8.081 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109953.D
Acq: 18 Oct 2018 11:37

Tgt Ion:198 Resp: 494
Ion Ratio Lower Upper
198 100
51 402.8 22.8 62.8#
105 364.6 23.6 63.6#

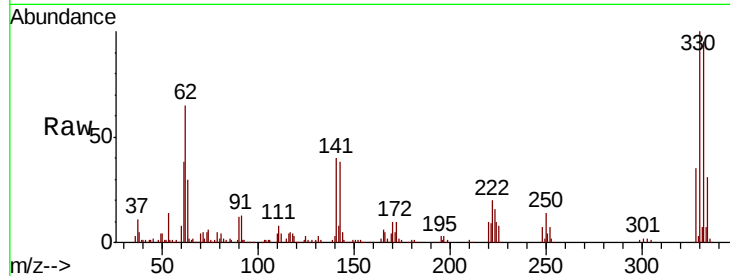




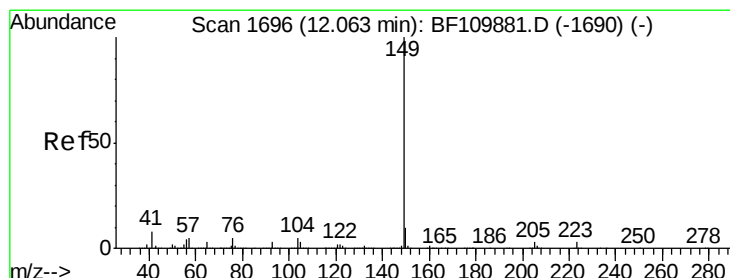
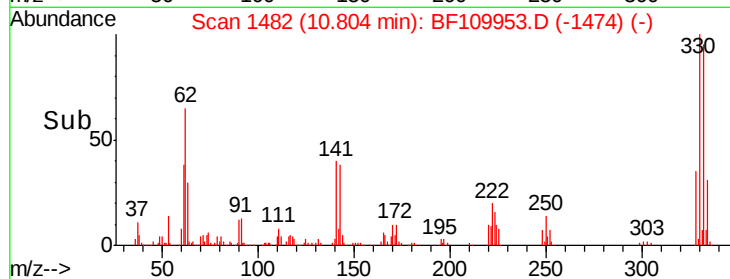
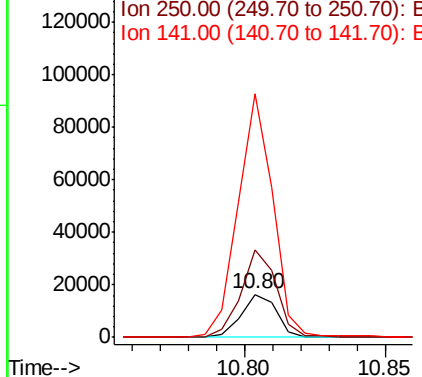
#67
 4-Bromophenyl-phenylether
 Concen: 2.041 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.25 min
 Lab File: BF109953.D
 Acq: 18 Oct 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14301
 Ion Ratio Lower Upper
 248 100
 250 205.1 79.4 119.2#
 141 567.0 55.9 83.9#

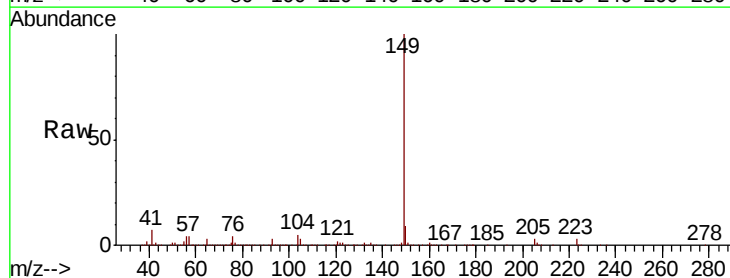


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

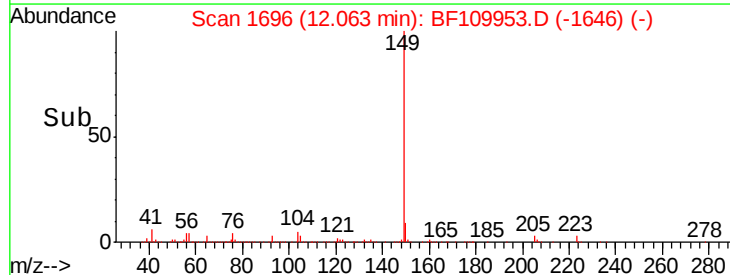
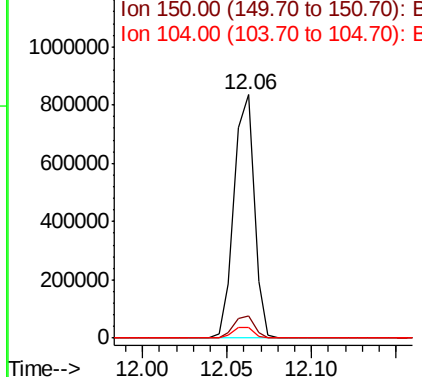


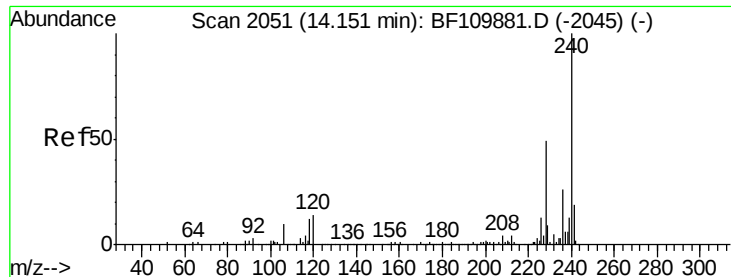
#74
 Di-n-butylphthalate
 Concen: 18.813 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109953.D
 Acq: 18 Oct 2018 11:37

Tgt Ion:149 Resp: 694412
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.5 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

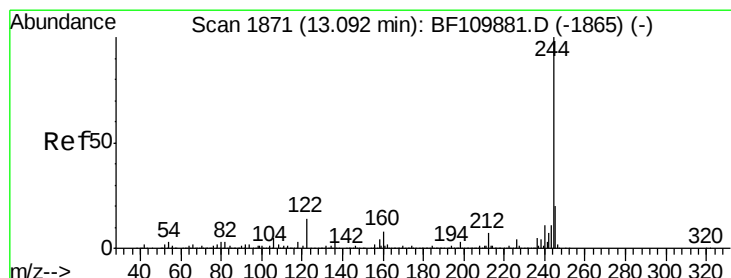
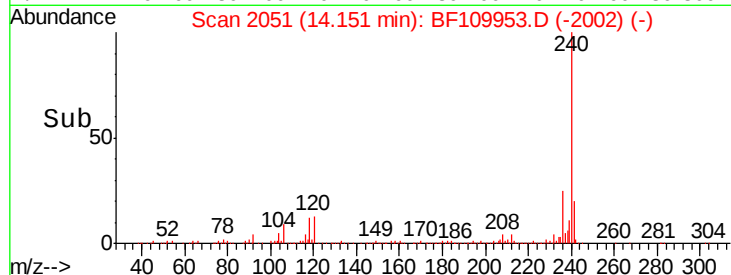
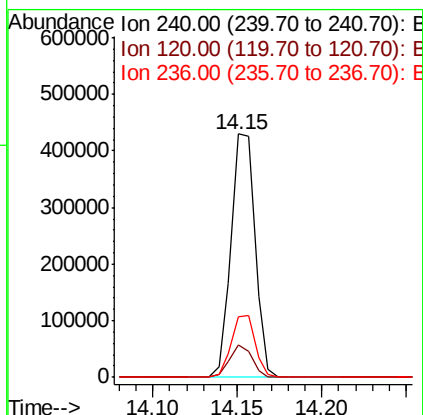
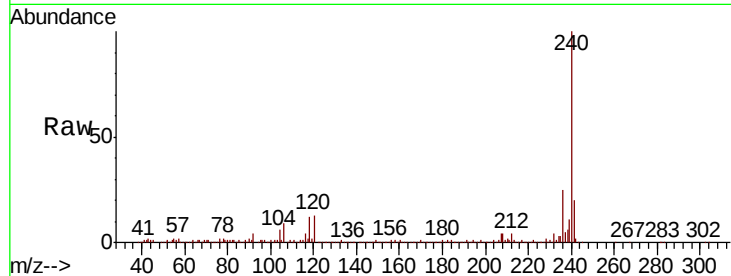




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109953.D
Acq: 18 Oct 2018 11:37

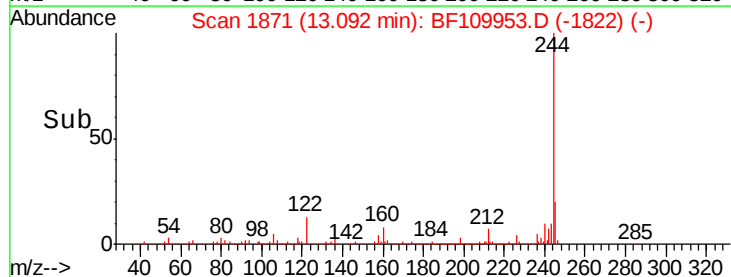
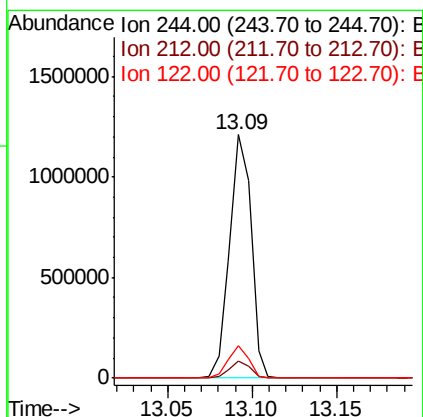
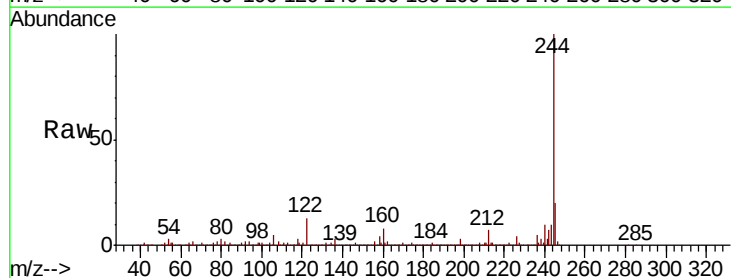
Instrument :
BNA_F
ClientSampleId :

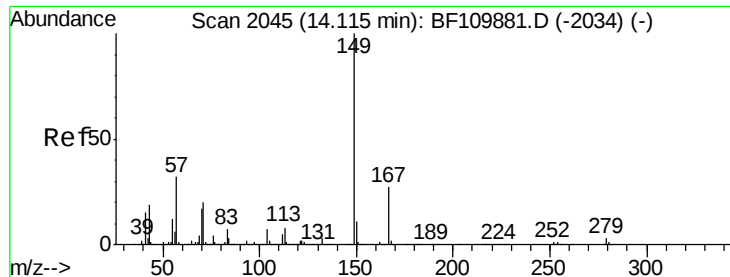
Tot Ion:240 Resp: 424951
Ion Ratio Lower Upper
240 100
120 13.2 8.3 12.5#
236 24.7 21.2 31.8



#79
Terphenyl-d14
Concen: 53.070 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109953.D
Acq: 18 Oct 2018 11:37

Tgt Ion:244 Resp: 1073944
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 13.1 8.7 13.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 183.277 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF109953.D

Acq: 18 Oct 2018 11:37

Instrument :

BNA_F

ClientSampleId :

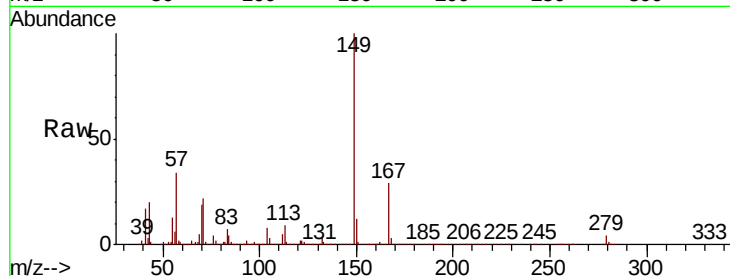
Tot Ion:149 Resp: 3043075

Ion	Ratio	Lower	Upper
149	100		
167	28.8	19.8	29.8
279	4.1	2.7	4.1

149 100

167 28.8 19.8 29.8

279 4.1 2.7 4.1

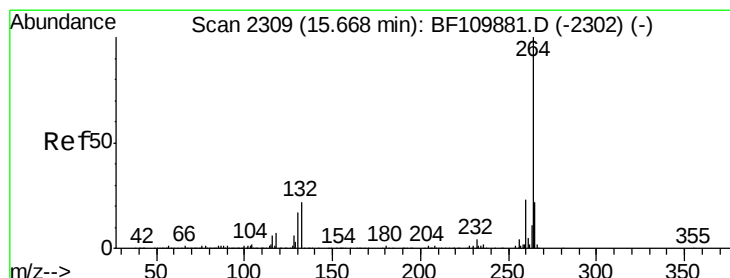
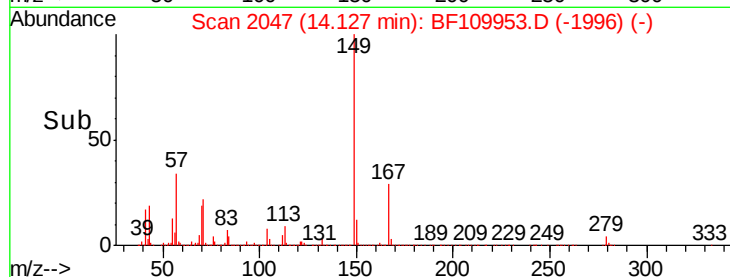
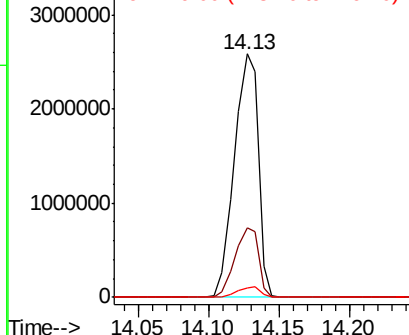


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109953.D

Acq: 18 Oct 2018 11:37

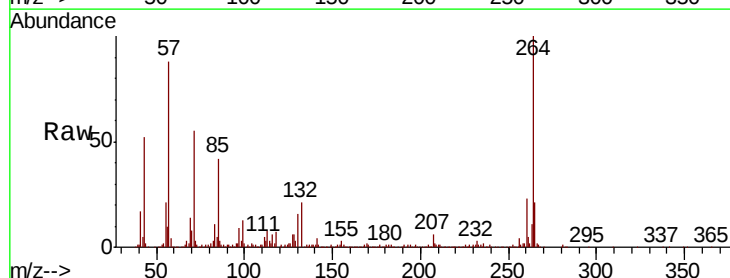
Tgt Ion:264 Resp: 421722

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.3	16.7	25.1

264 100

260 22.6 18.7 28.1

265 21.3 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

