

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110003.D
 Acq On : 19 Oct 2018 15:34
 Operator : JU/SJ
 Sample : J5569-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 00:07:12 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	224269	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	881439	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	415609	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	745428	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	520208	20.00	ng	-0.02
87) Perylene-d12	15.67	264	363746	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	670072	47.36	ng	-0.01
7) Phenol-d6	6.58	99	530203	30.18	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1150152	87.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	413208	114.84	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1985975	76.25	ng	-0.01
79) Terphenyl-d14	13.09	244	1899103	76.66	ng	-0.01

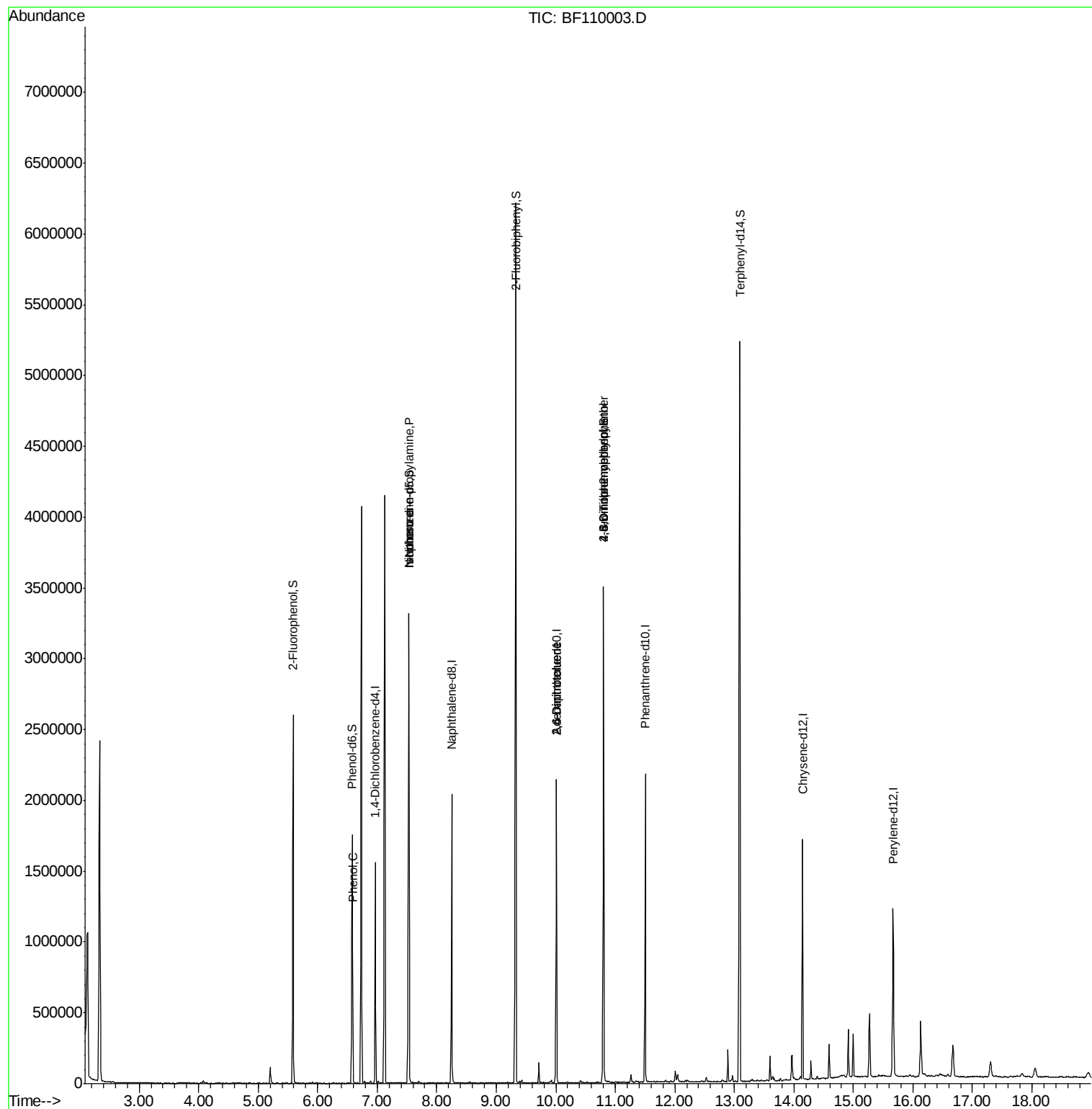
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.59	94	44499	2.346	ng	# 61
19) n-Nitroso-di-n-propylamine	7.53	70	153869	13.641	ng	# 81
25) Isophorone	7.53	82	1147222	44.621	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	54484	9.747	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	54484	11.563	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	914	8.187	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	27007	3.343	ng	# 1

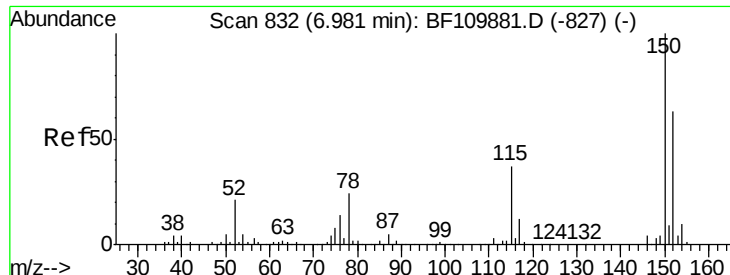
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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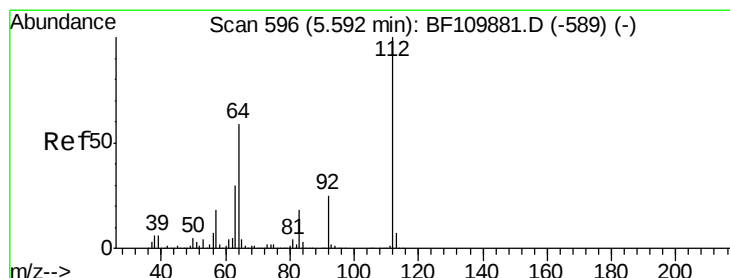
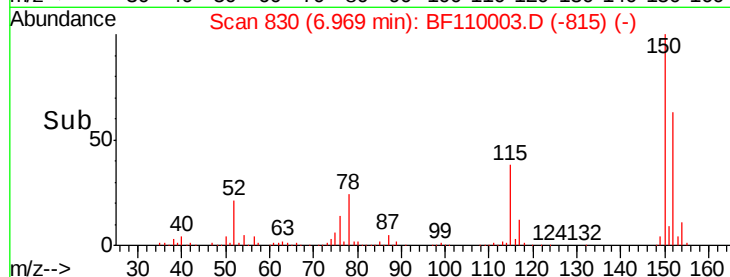
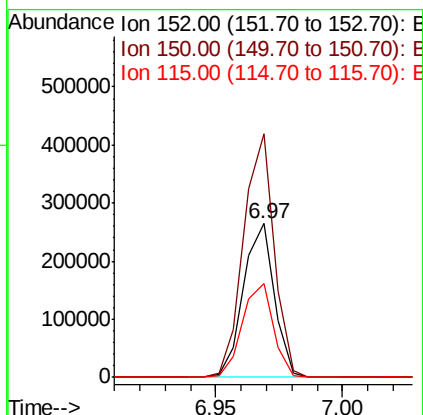
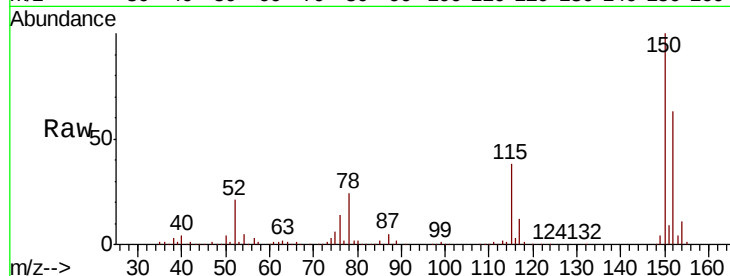


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110003.D
Acq: 19 Oct 2018 15:34

Instrument :
BNA_F
ClientSampleId :

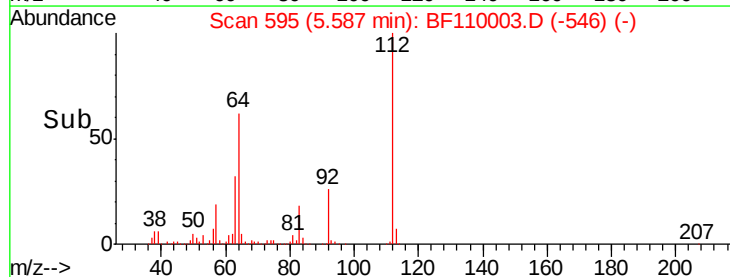
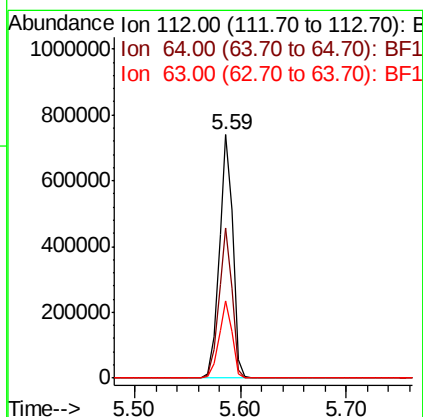
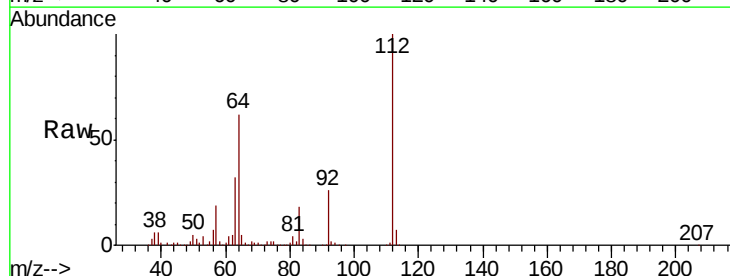
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.7	184.1
115	60.9	49.1	73.7

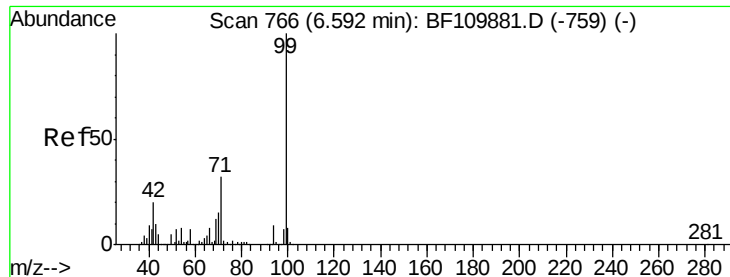


#5

2-Fluorophenol
Concen: 47.361 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110003.D
Acq: 19 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.1	66.1
63	31.8	23.7	35.5





#7

Phenol-d6

Concen: 30.179 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110003.D

Acq: 19 Oct 2018 15:34

Instrument :

BNA_F

ClientSampleId :

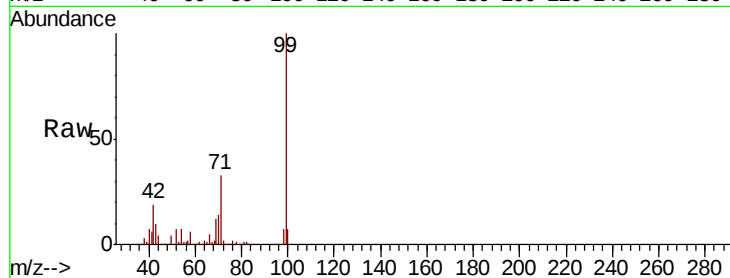
Tot Ion: 99 Resp: 530203

Ion Ratio Lower Upper

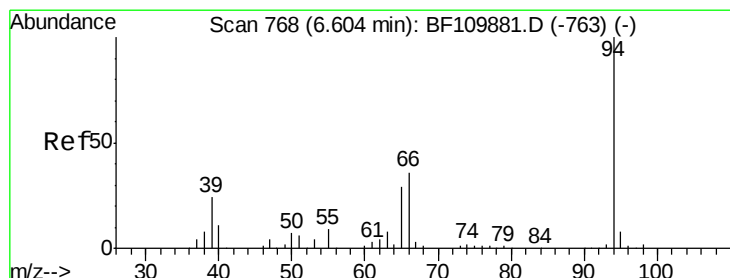
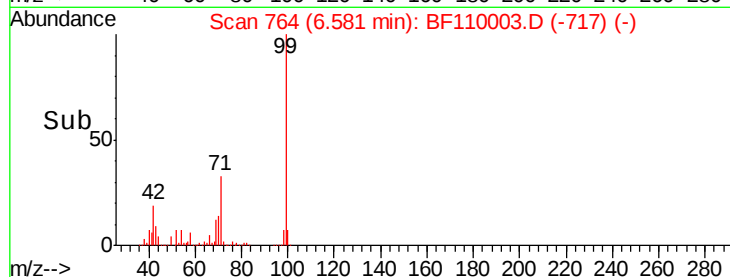
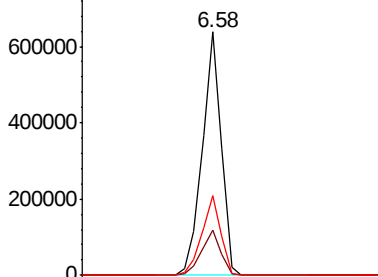
99 100

42 18.7 15.8 23.6

71 33.0 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



#10

Phenol

Concen: 2.346 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110003.D

Acq: 19 Oct 2018 15:34

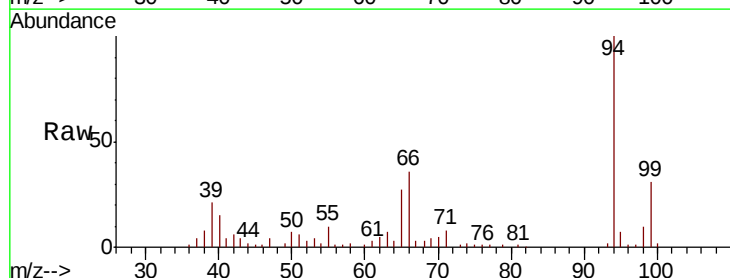
Tgt Ion: 94 Resp: 44499

Ion Ratio Lower Upper

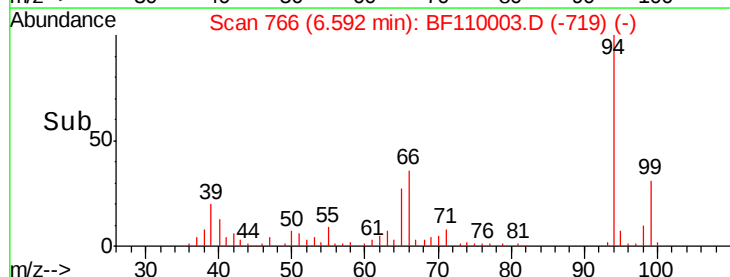
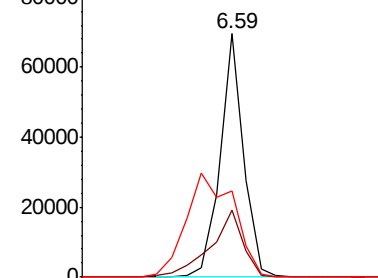
94 100

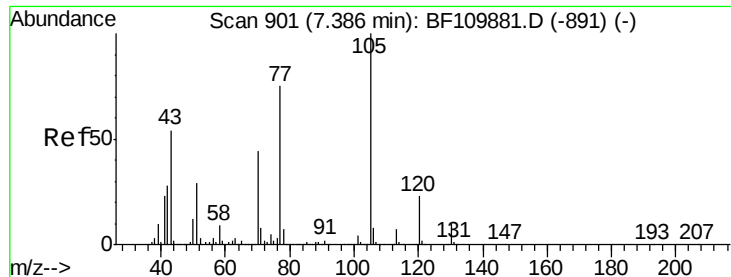
65 27.4 25.3 65.3

66 35.6 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

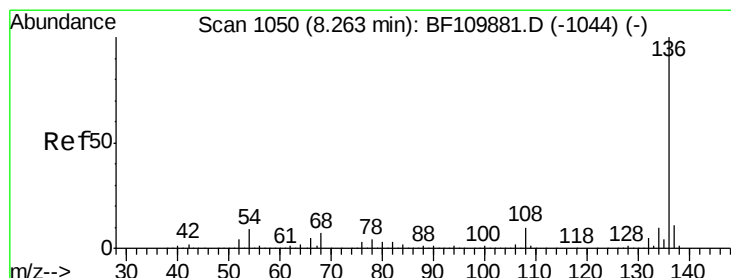
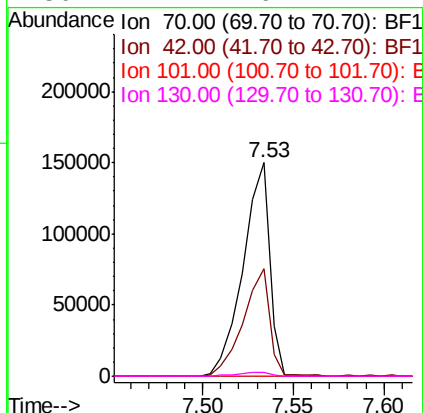
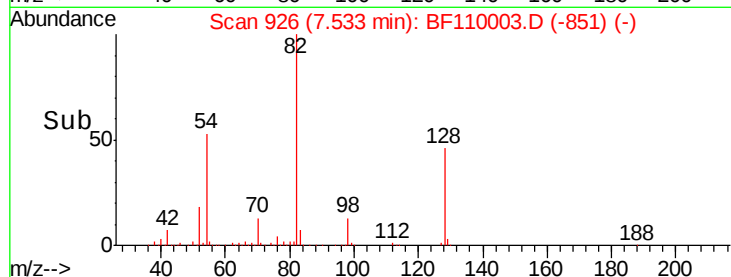
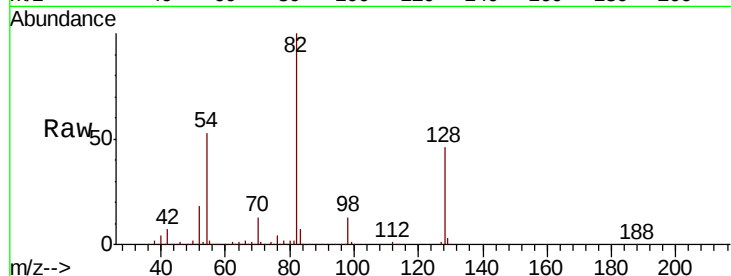




#19
n-Nitroso-di-n-propylamine
Concen: 13.641 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110003.D
Acq: 19 Oct 2018 15:34

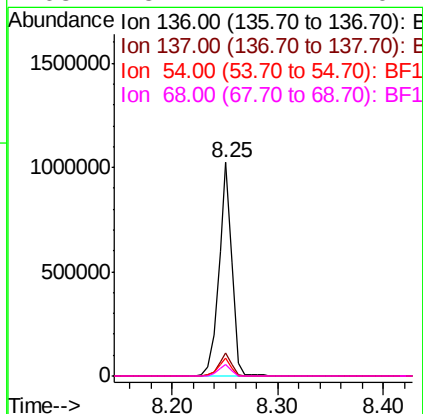
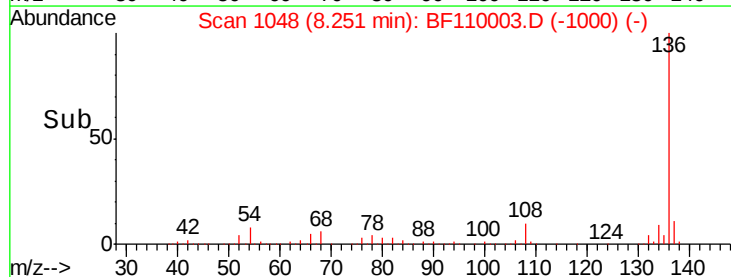
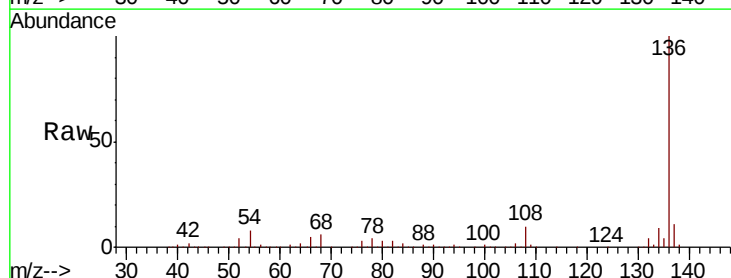
Instrument :
BNA_F
ClientSampleId :

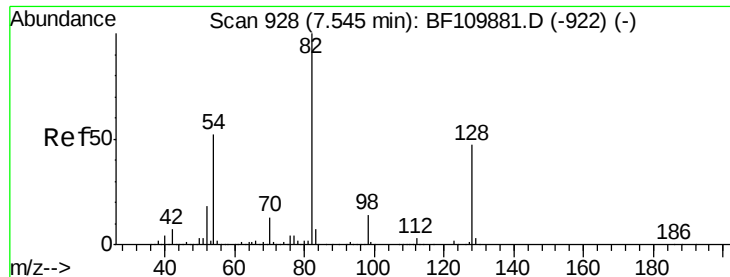
Tot Ion: 70 Resp: 153869
Ion Ratio Lower Upper
70 100
42 50.4 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110003.D
Acq: 19 Oct 2018 15:34

Tgt Ion:136 Resp: 881439
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 5.4 8.2
68 5.7 4.2 6.2

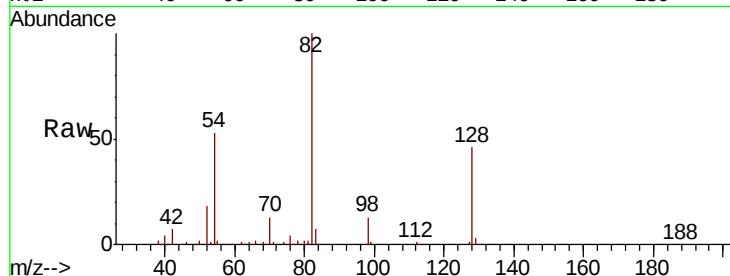




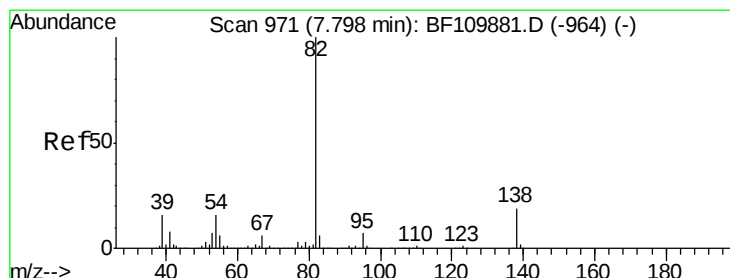
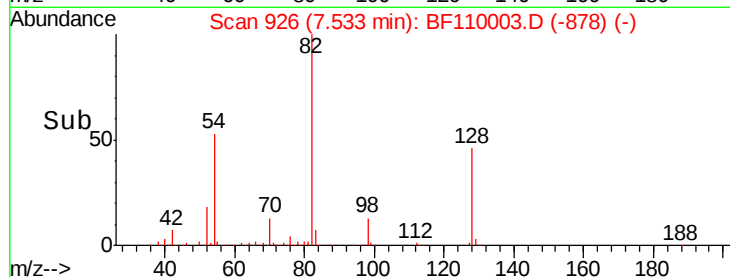
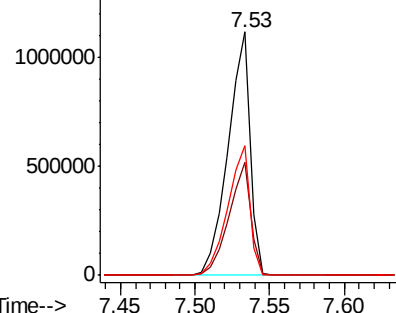
#23
Nitrobenzene-d5
Concen: 87.900 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110003.D
Acq: 19 Oct 2018 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1150152
Ion Ratio Lower Upper
82 100
128 46.4 34.2 51.2
54 53.4 38.6 58.0

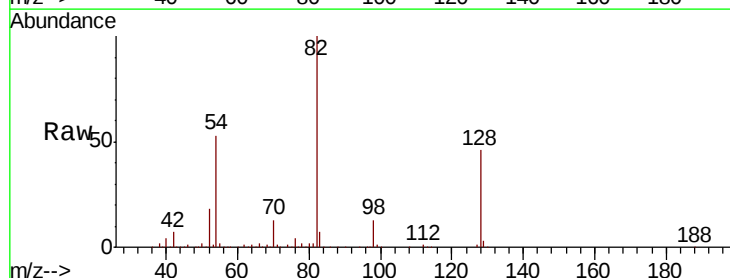


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

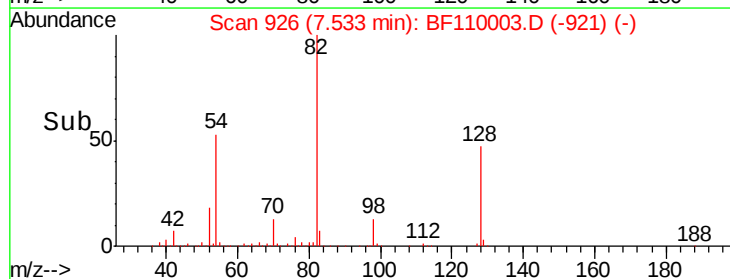
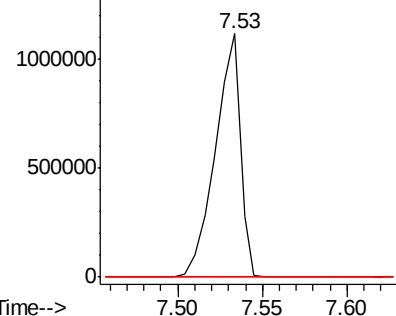


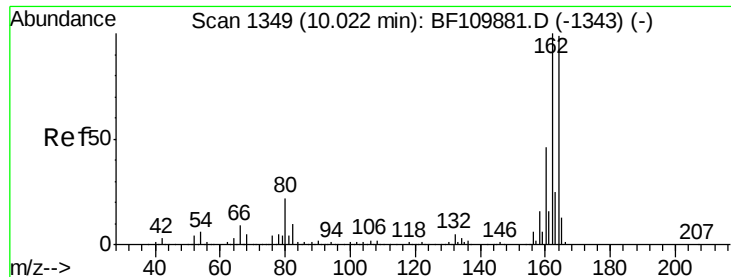
#25
Isophorone
Concen: 44.621 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110003.D
Acq: 19 Oct 2018 15:34

Tgt Ion: 82 Resp: 1147222
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
1500000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

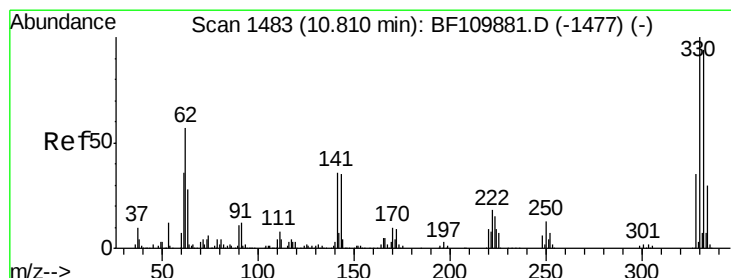
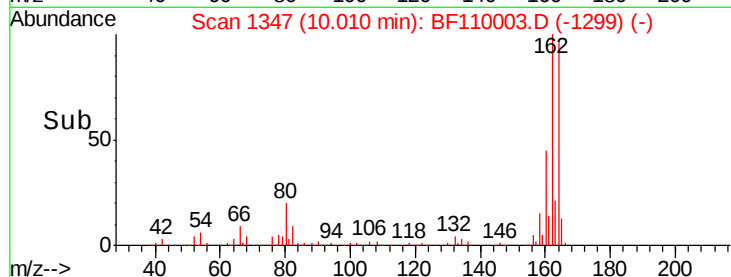
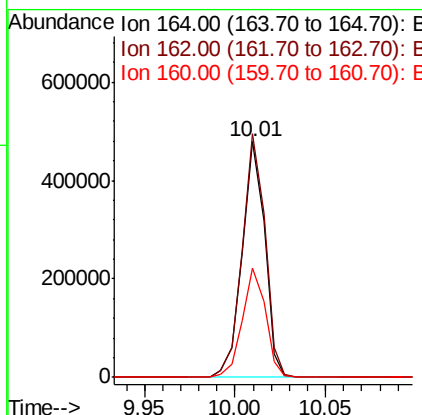
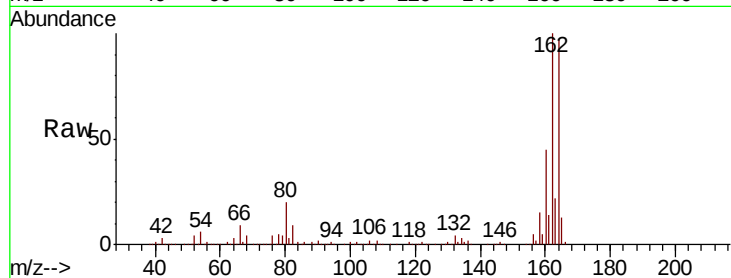




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110003.D
 Acq: 19 Oct 2018 15:34

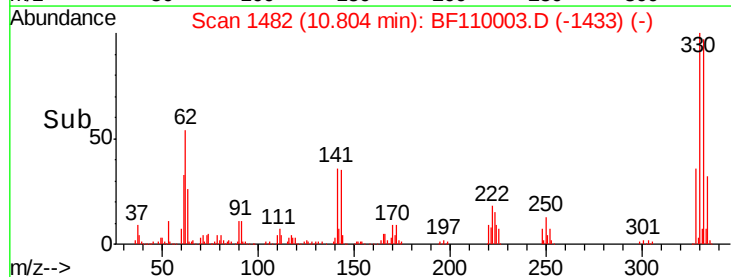
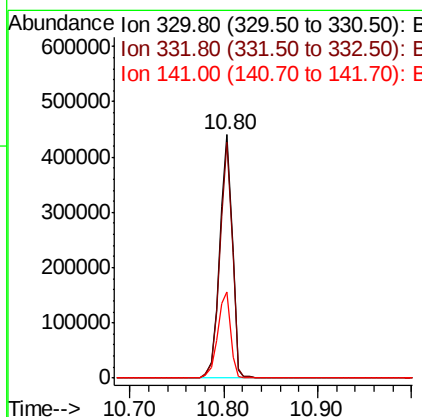
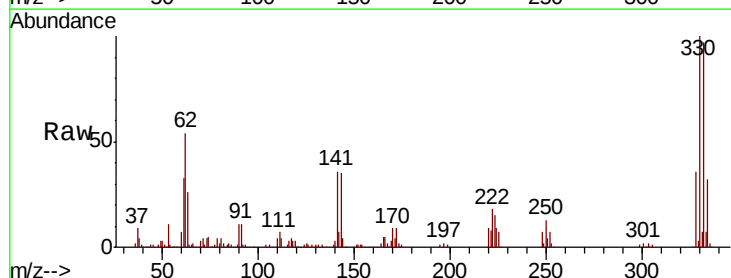
Instrument :
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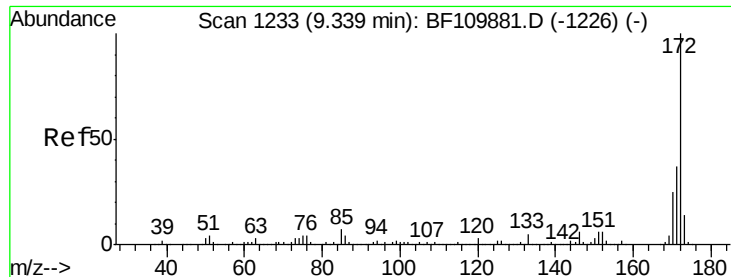
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.4	37.0	55.6



#42
 2,4,6-Tribromophenol
 Concen: 114.836 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110003.D
 Acq: 19 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	36.6	27.0	40.4

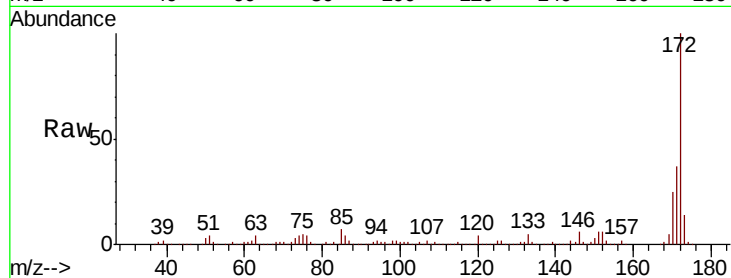




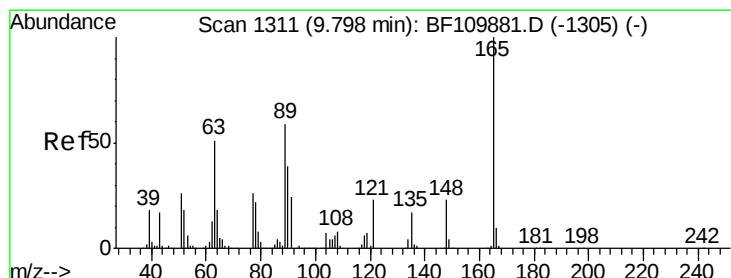
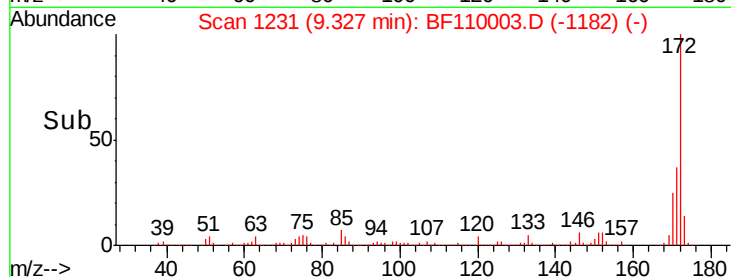
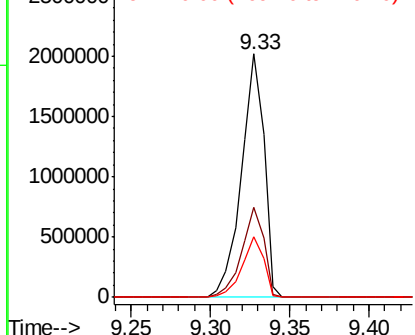
#45
2-Fluorobiphenyl
Concen: 76.248 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110003.D
Acq: 19 Oct 2018 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1985975
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.9 19.7 29.5

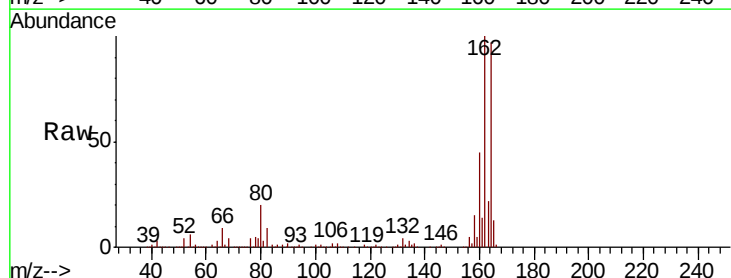


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

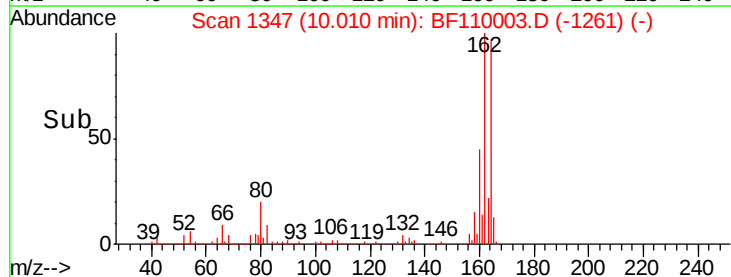
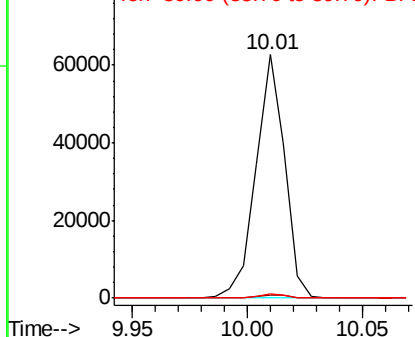


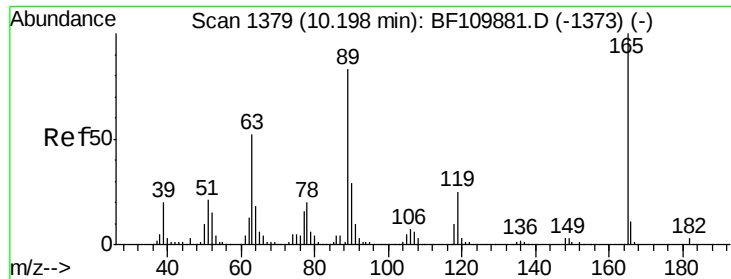
#51
2,6-Dinitrotoluene
Concen: 9.747 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110003.D
Acq: 19 Oct 2018 15:34

Tgt Ion:165 Resp: 54484
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.7 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

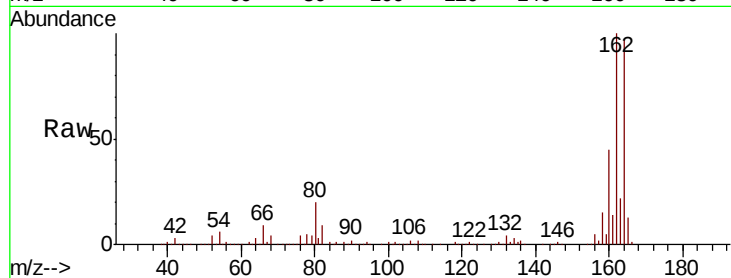




#57
2,4-Dinitrotoluene
Concen: 11.563 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110003.D
Acq: 19 Oct 2018 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



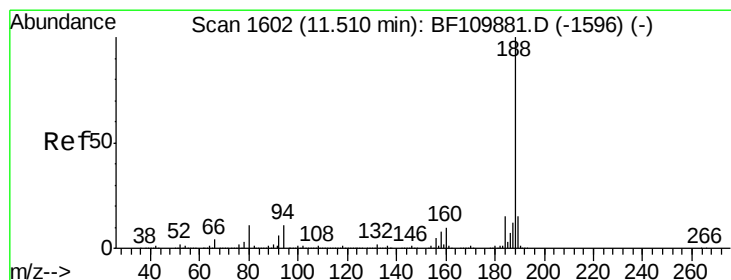
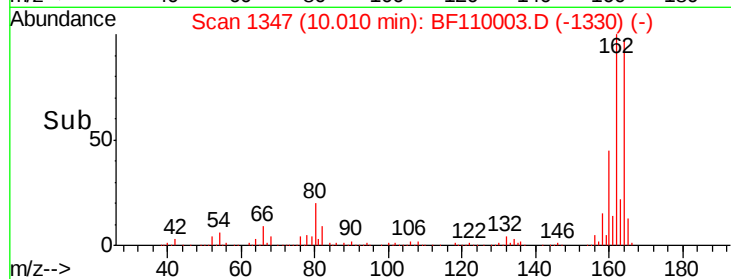
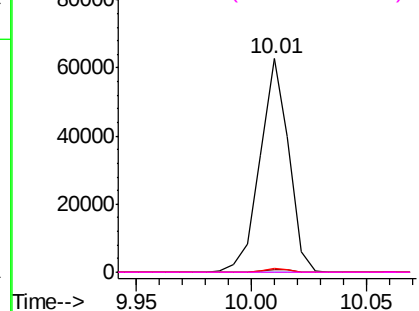
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

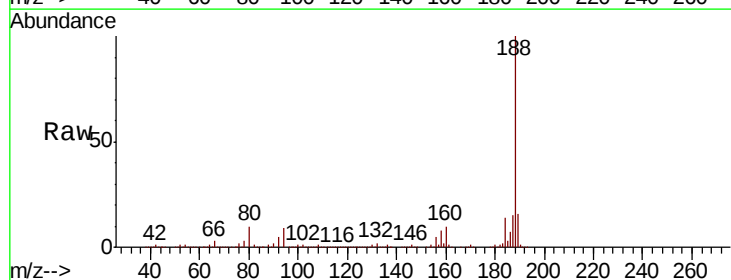
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110003.D
Acq: 19 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.6	7.9	11.9

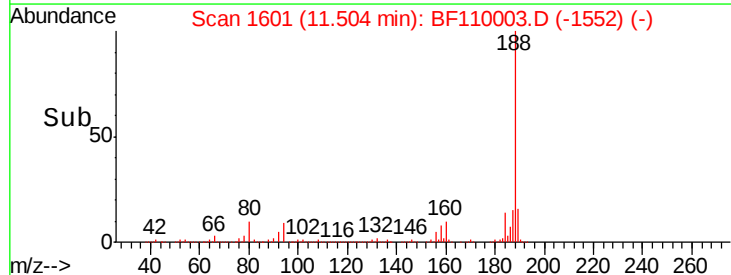
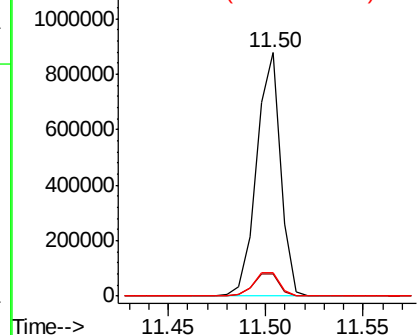


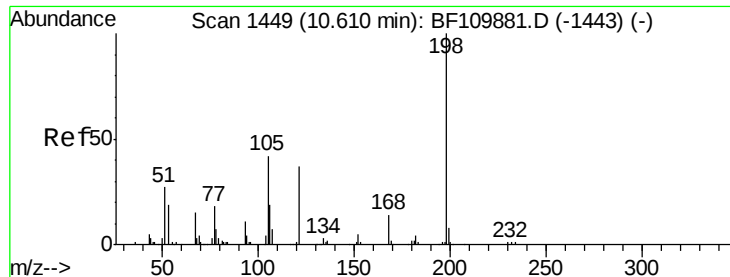
Abundance

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

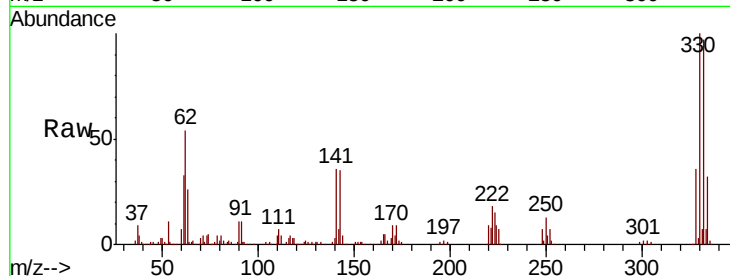




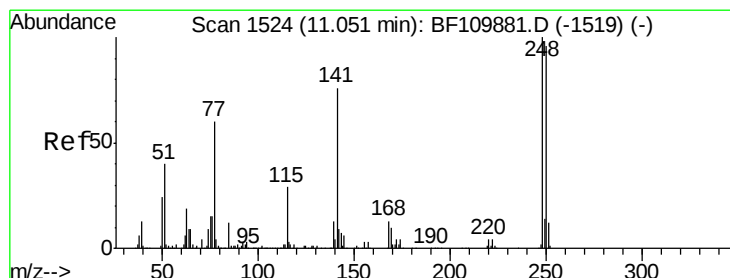
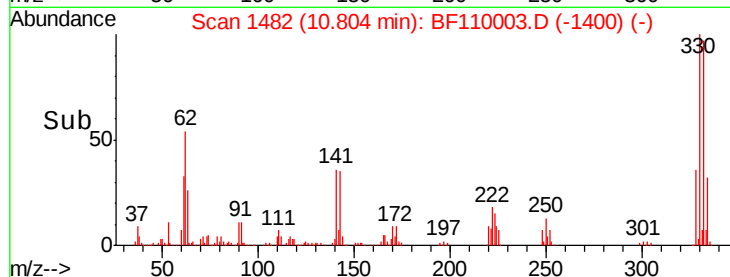
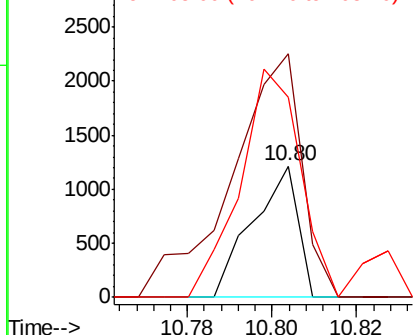
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.187 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.18 min
 Lab File: BF110003.D
 Acq: 19 Oct 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 914
 Ion Ratio Lower Upper
 198 100
 51 185.2 22.8 62.8#
 105 152.4 23.6 63.6#

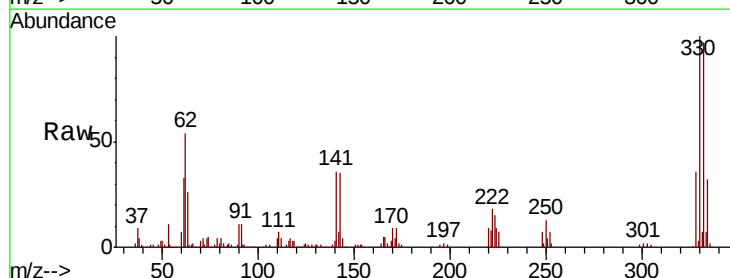


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

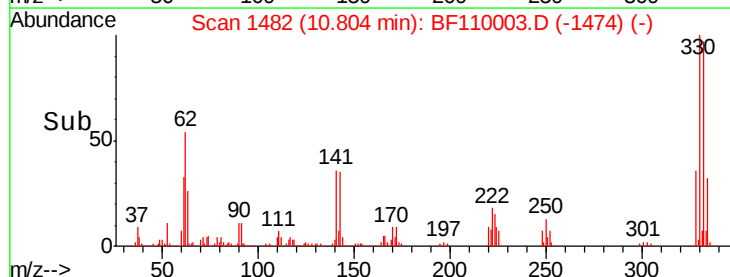
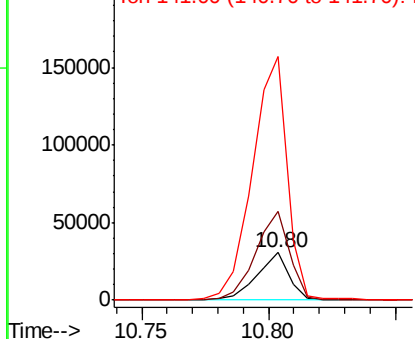


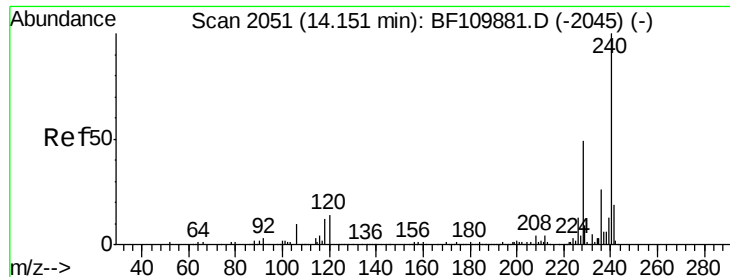
#67
 4-Bromophenyl-phenylether
 Concen: 3.343 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.25 min
 Lab File: BF110003.D
 Acq: 19 Oct 2018 15:34

Tgt Ion:248 Resp: 27007
 Ion Ratio Lower Upper
 248 100
 250 186.0 79.4 119.2#
 141 510.5 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

Chrvsene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BF110003.D

Acq: 19 Oct 2018 15:34

Instrument :

BNA_F

ClientSampleId :

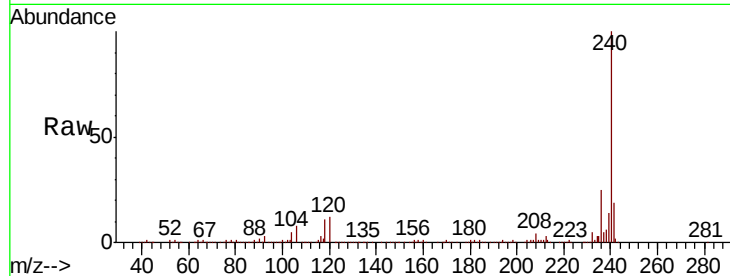
Tot Ion:240 Resp: 520208

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

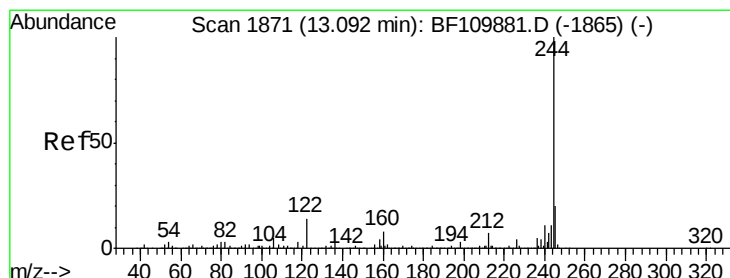
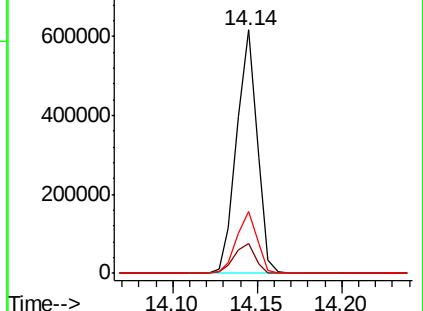
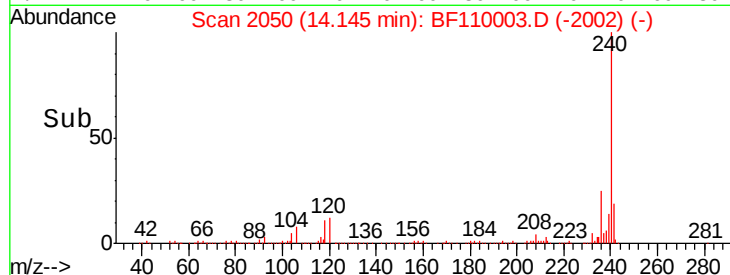
236 25.4 21.2 31.8



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: 76.661 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110003.D

Acq: 19 Oct 2018 15:34

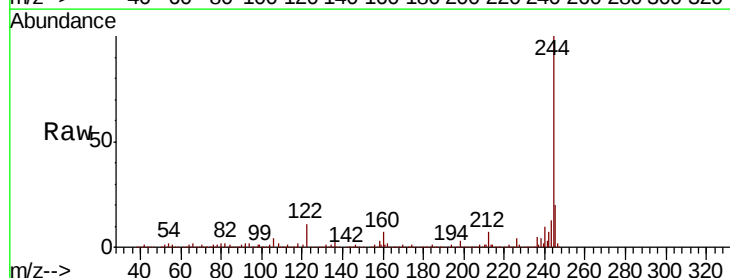
Tgt Ion:244 Resp: 1899103

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

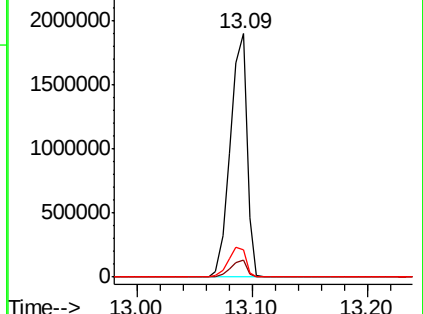
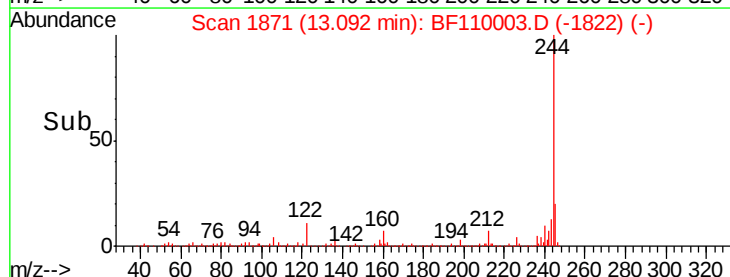
122 11.4 8.7 13.1

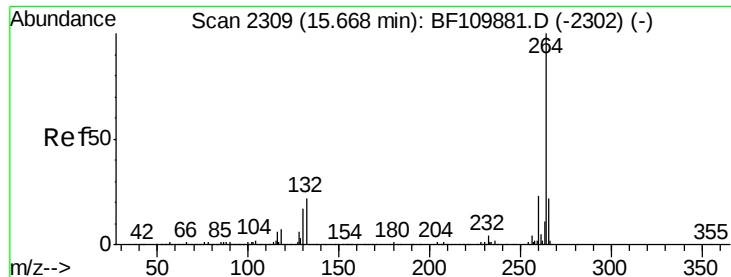


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

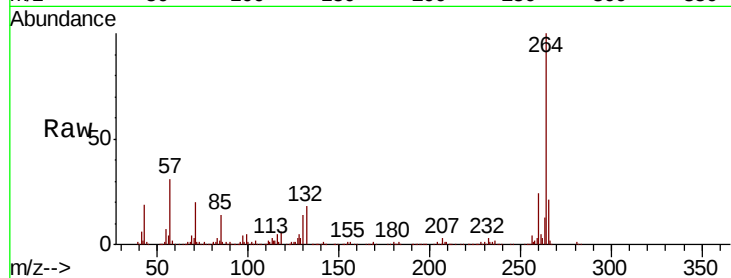




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110003.D
Acq: 19 Oct 2018 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.0	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

