

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110057.D
 Acq On : 22 Oct 2018 18:59
 Operator : JU/SJ
 Sample : J5601-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:10:32 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

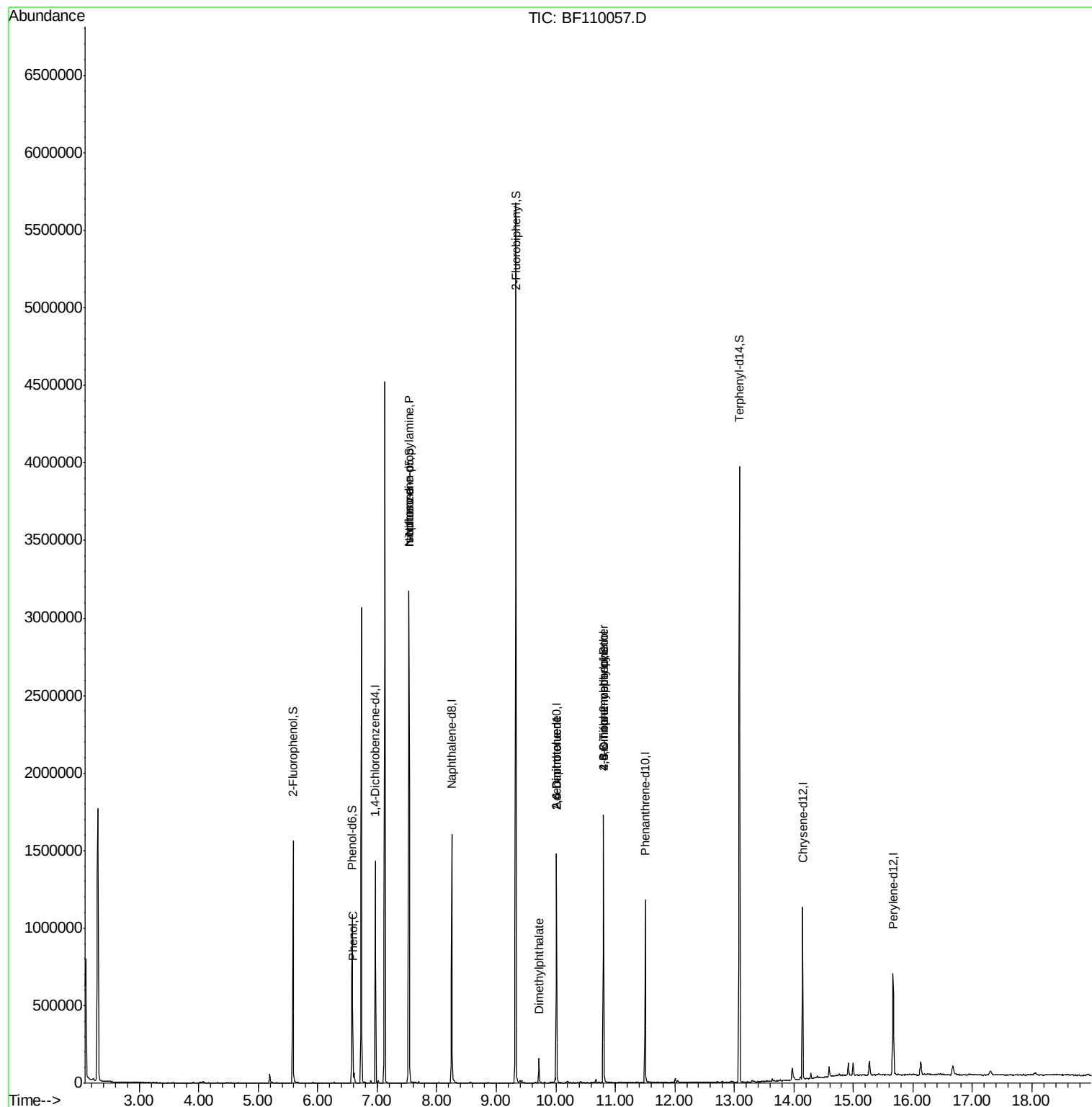
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	191850	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	692189	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	276272	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	428333	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	340922	20.00	ng	-0.02
87) Perylene-d12	15.67	264	257380	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	415841	34.36	ng	-0.01
7) Phenol-d6	6.58	99	306162	20.37	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1042135	101.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	185300	77.47	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1743562	100.70	ng	-0.01
79) Terphenyl-d14	13.09	244	1257632	77.46	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	33122	2.041	ng	# 64
19) n-Nitroso-di-n-propylamine	7.53	70	138829	14.387	ng	# 80
25) Isophorone	7.53	82	1042116	51.615	ng	# 67
50) Dimethylphthalate	9.72	163	61985	3.169	ng	# 99
51) 2,6-Dinitrotoluene	10.01	165	33872	9.116	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	33872	11.111	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	391	8.115	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	12300	2.650	ng	# 1

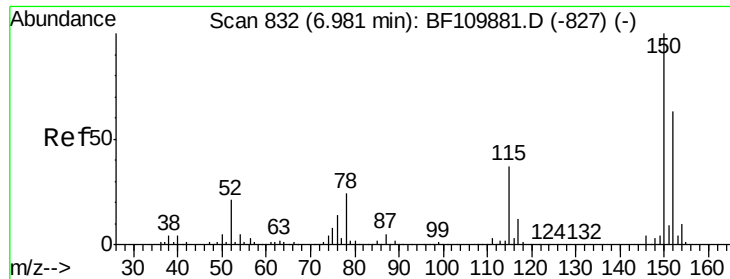
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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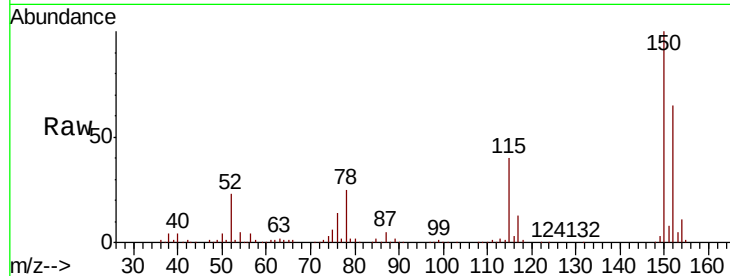


#1

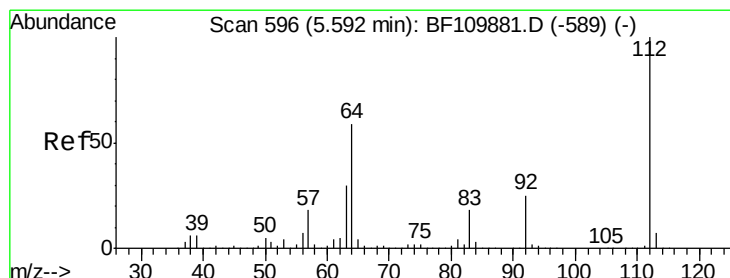
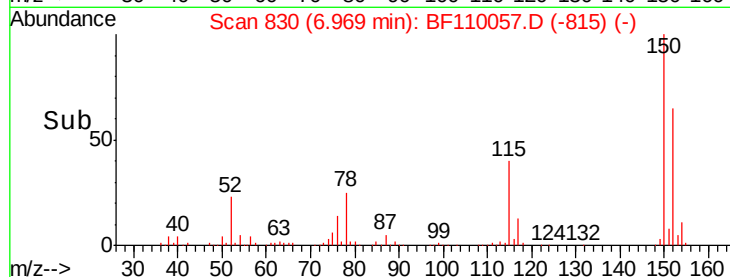
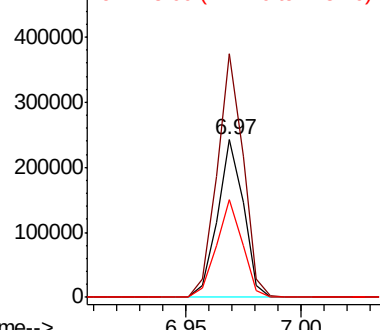
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 191850
Ion Ratio Lower Upper
152 100
150 154.5 122.7 184.1
115 62.3 49.1 73.7



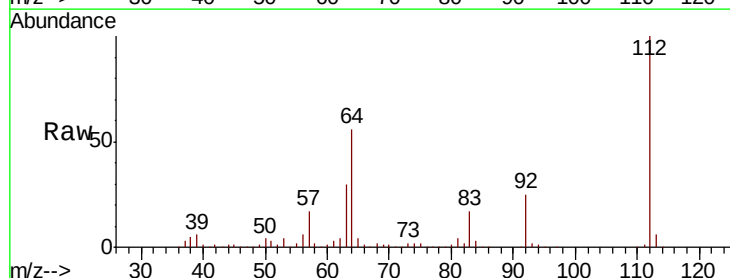
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



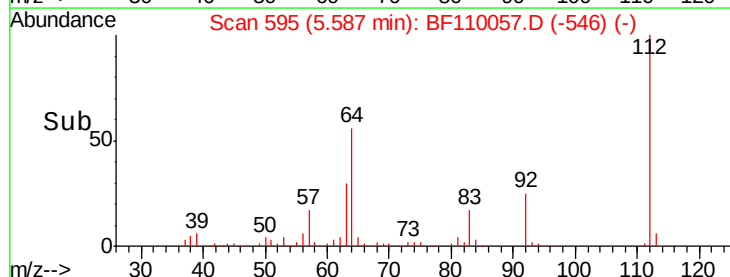
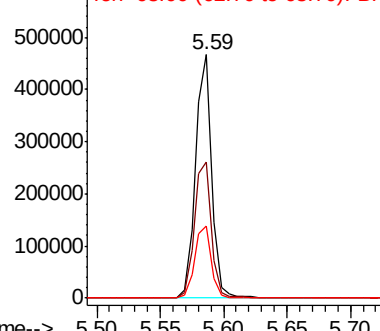
#5

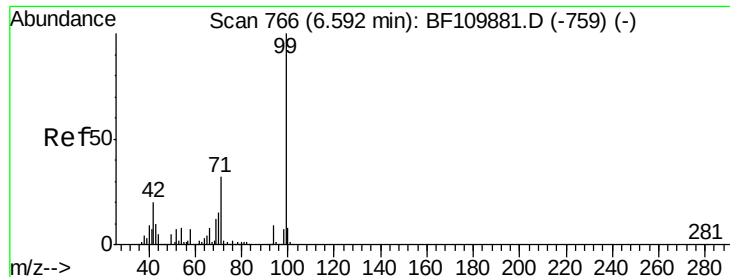
2-Fluorophenol
Concen: 34.358 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion:112 Resp: 415841
Ion Ratio Lower Upper
112 100
64 56.0 44.1 66.1
63 29.8 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: 20.372 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110057.D

Acq: 22 Oct 2018 18:59

Instrument :

BNA_F

ClientSampled :

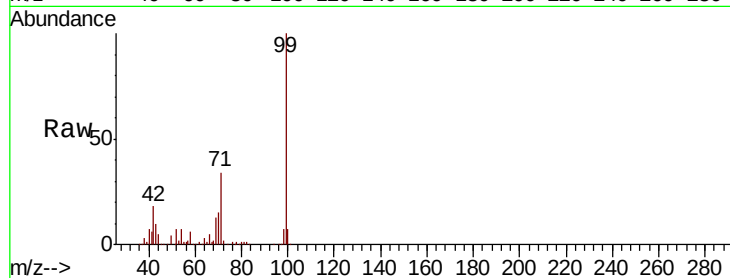
Tot Ion: 99 Resp: 306162

Ion Ratio Lower Upper

99 100

42 18.4 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

500000

400000

300000

200000

100000

0

6.50

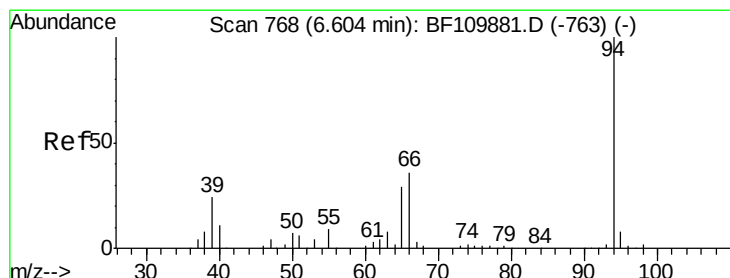
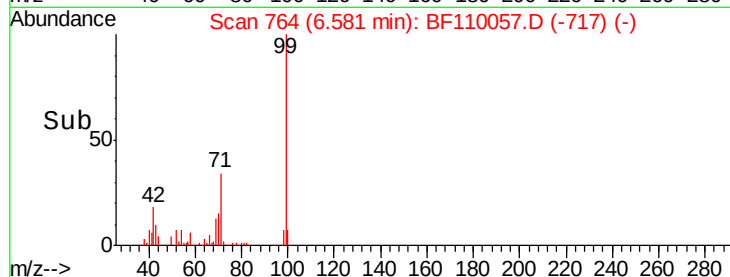
6.55

6.60

6.65

6.70

Time-->



#10

Phenol

Concen: 2.041 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110057.D

Acq: 22 Oct 2018 18:59

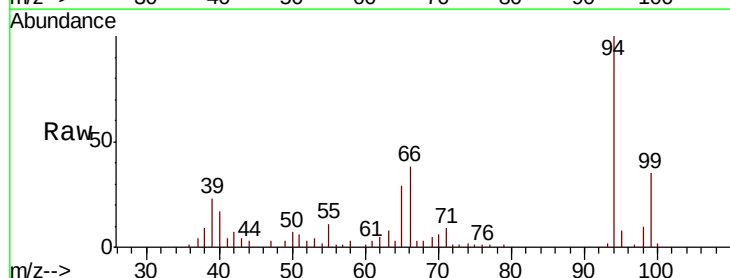
Tgt Ion: 94 Resp: 33122

Ion Ratio Lower Upper

94 100

65 29.0 25.3 65.3

66 37.9 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

60000

50000

40000

30000

20000

10000

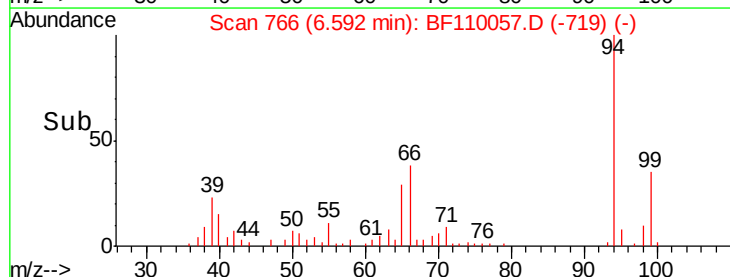
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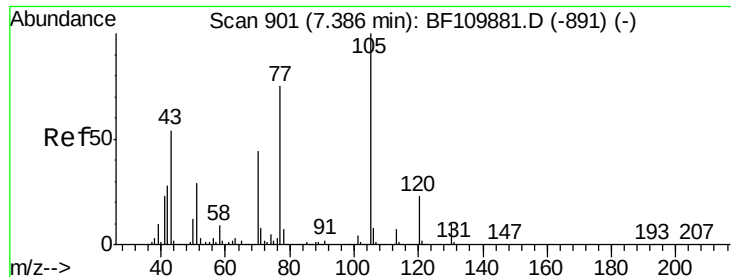
6.55

6.60

6.65

Time-->

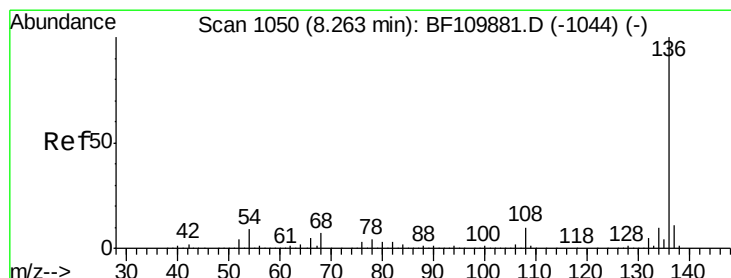
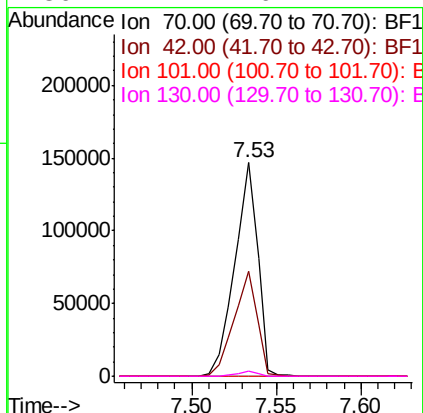
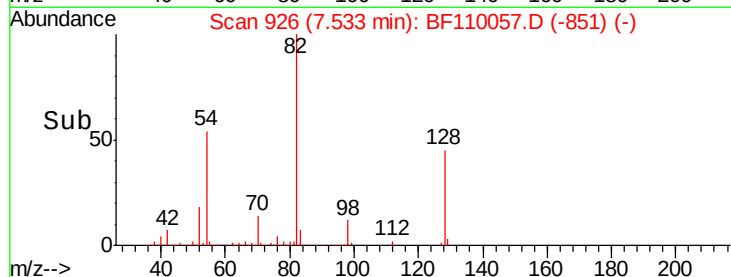
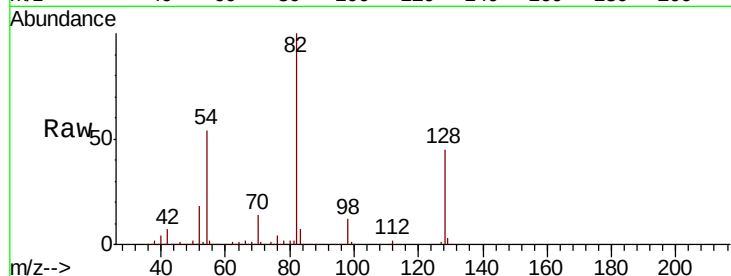




#19
n-Nitroso-di-n-propylamine
Concen: 14.387 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

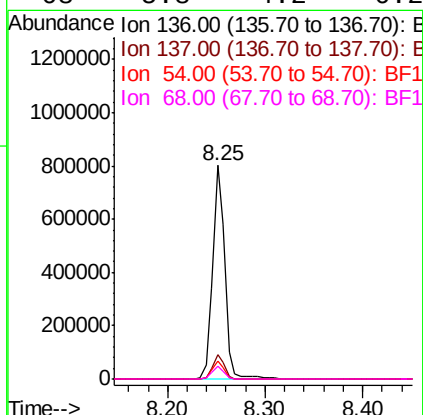
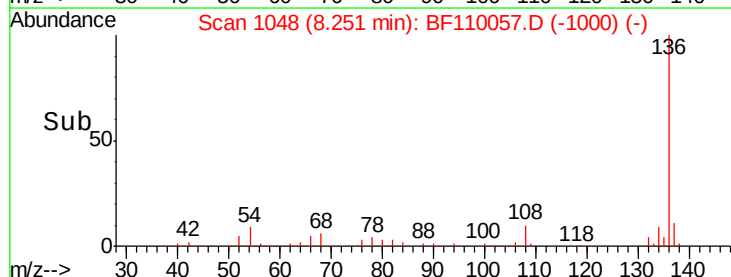
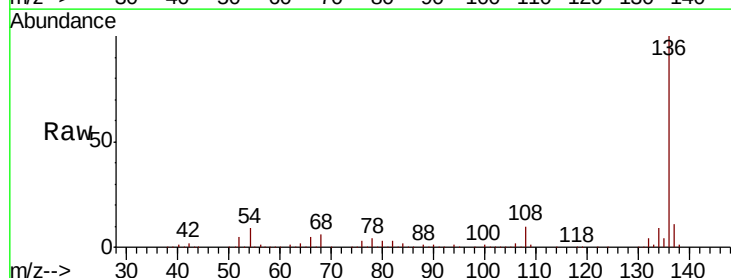
Instrument :
BNA_F
ClientSampleId :

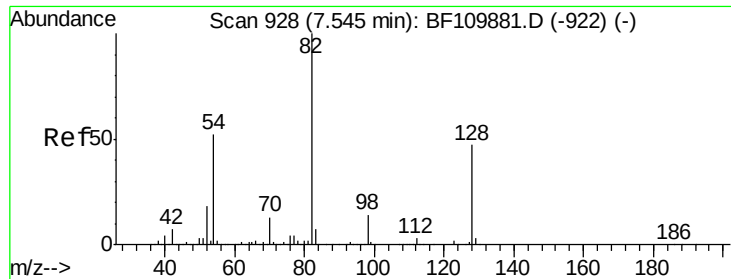
Tot Ion: 70 Resp: 138829
Ion Ratio Lower Upper
70 100
42 49.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion: 136 Resp: 692189
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 5.4 8.2#
68 5.8 4.2 6.2

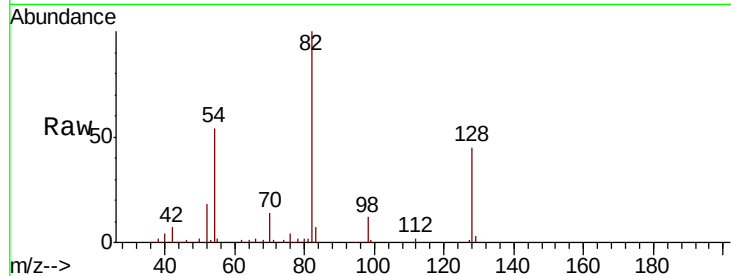




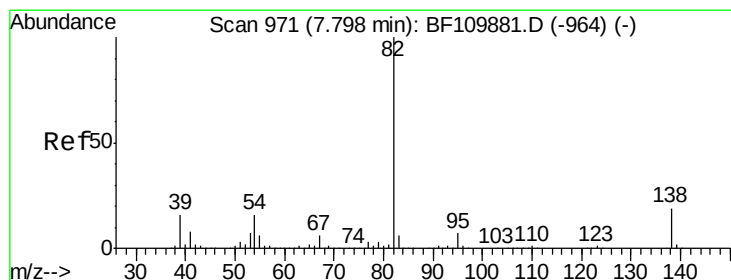
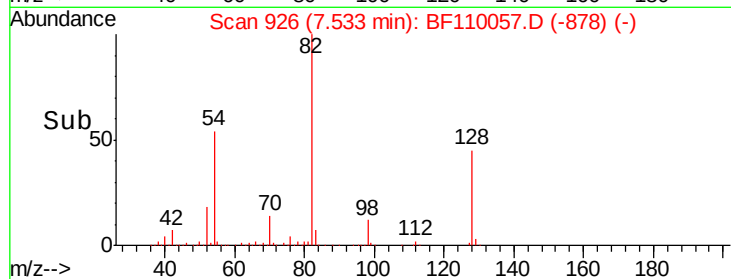
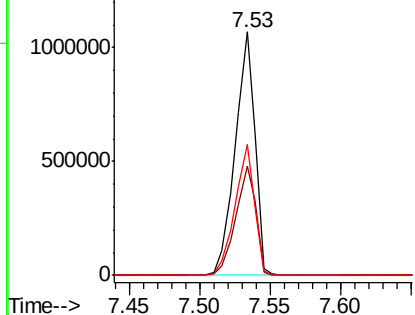
#23
Nitrobenzene-d5
Concen: 101.421 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1042135
Ion Ratio Lower Upper
82 100
128 45.1 34.2 51.2
54 53.8 38.6 58.0

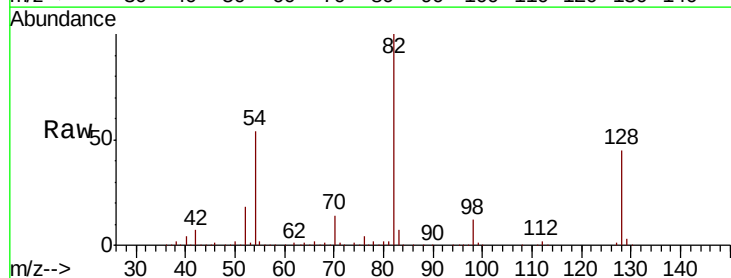


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

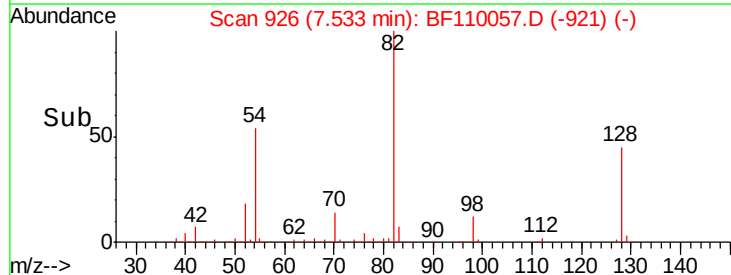
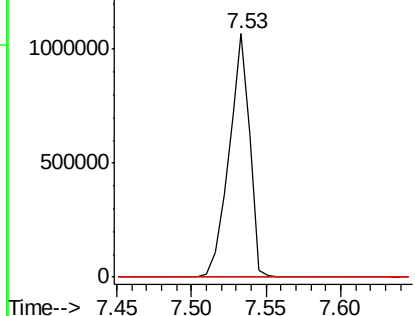


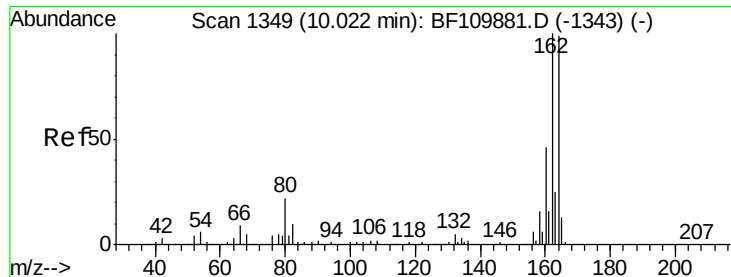
#25
Isophorone
Concen: 51.615 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion: 82 Resp: 1042116
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

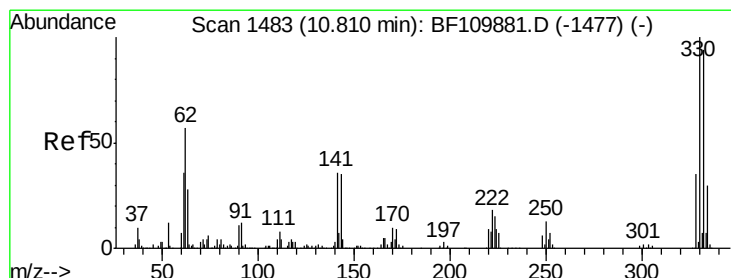
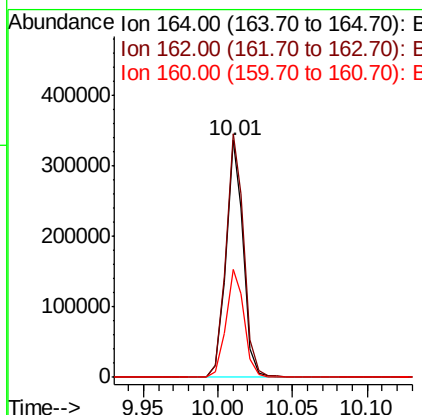
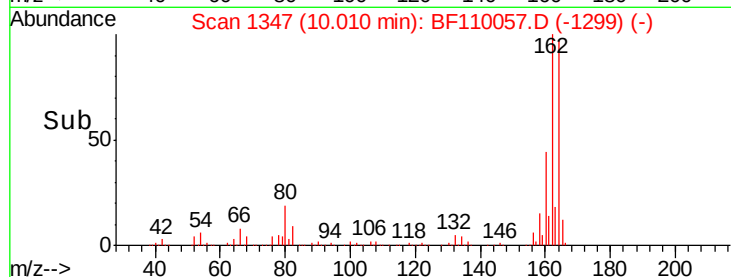
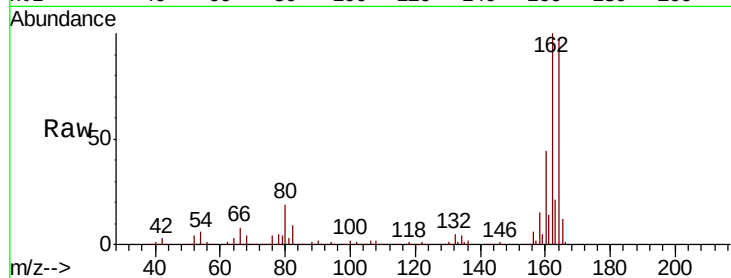




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

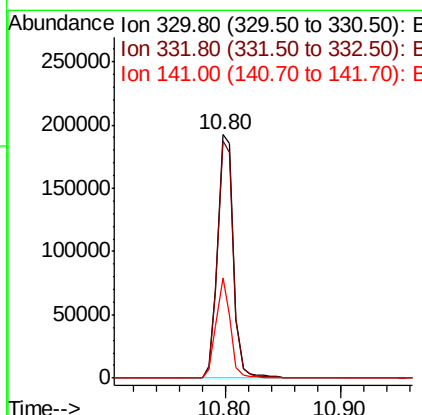
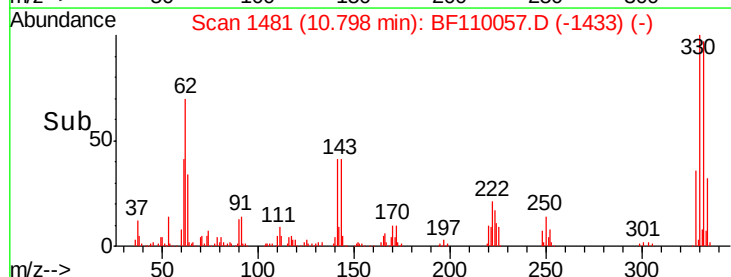
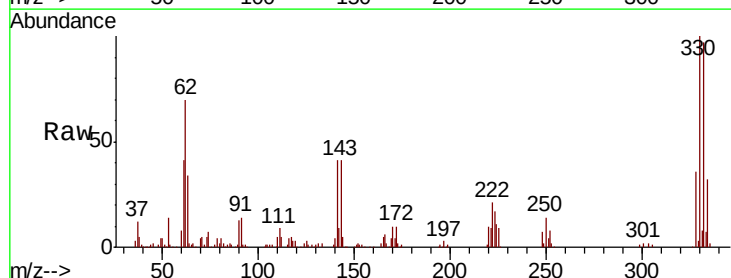
Instrument :
BNA_F
ClientSampleId :

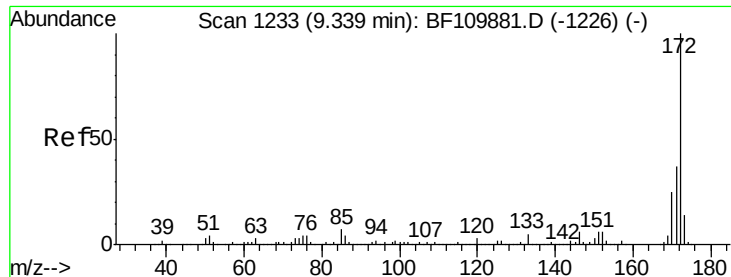
Tot Ion:164 Resp: 276272
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.6
160 45.5 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 77.470 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion:330 Resp: 185300
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 36.6 27.0 40.4



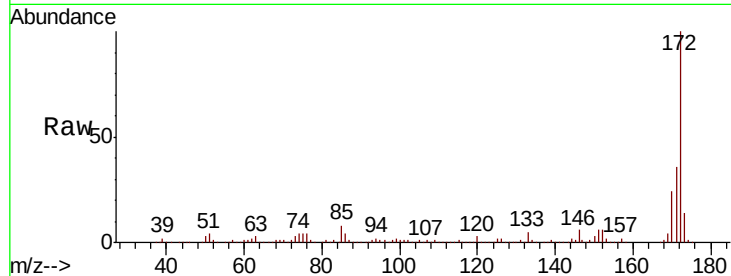


#45
 2-Fluorobiphenyl
 Concen: 100.702 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110057.D
 Acq: 22 Oct 2018 18:59

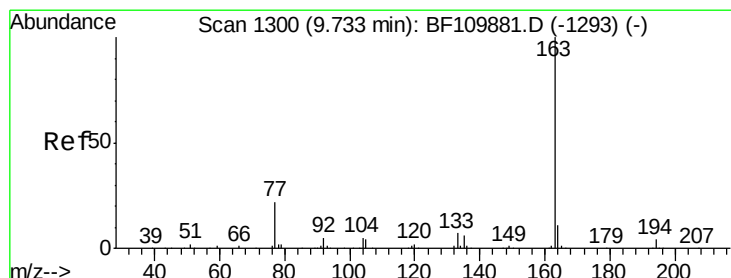
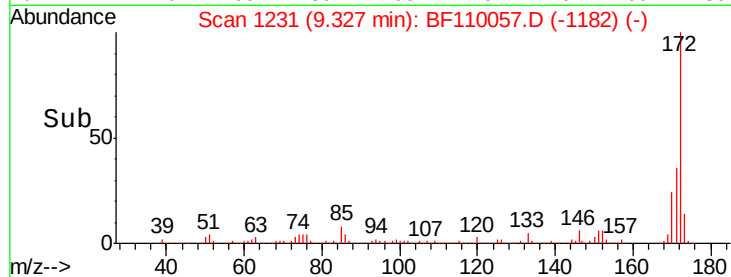
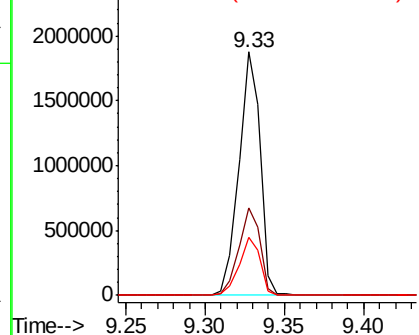
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1743562

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.9	19.7	29.5



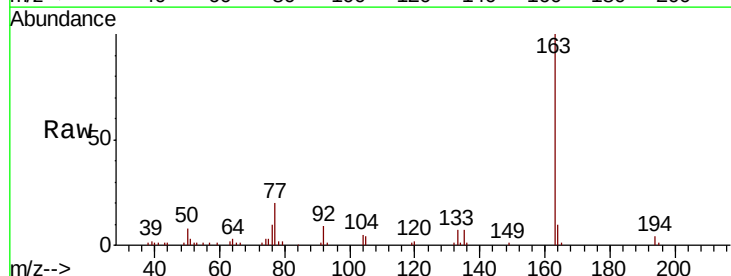
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



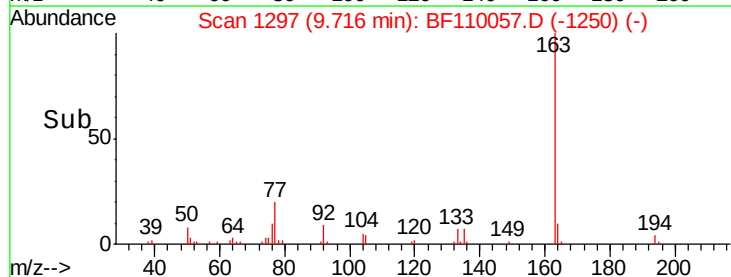
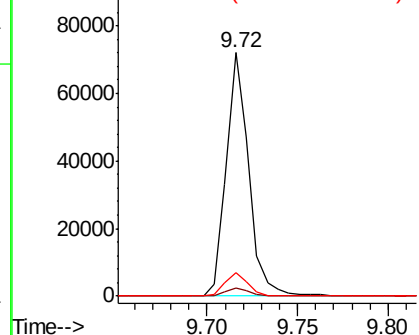
#50
 Dimethylphthalate
 Concen: 3.169 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF110057.D
 Acq: 22 Oct 2018 18:59

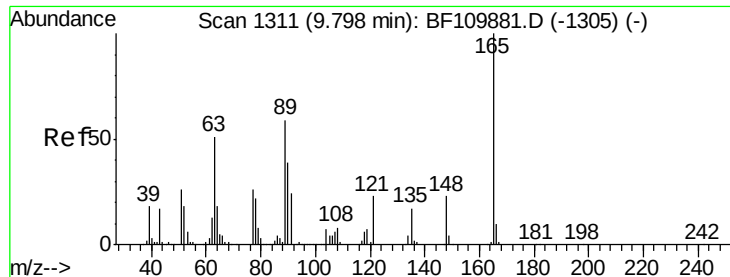
Tgt Ion:163 Resp: 61985

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.8	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

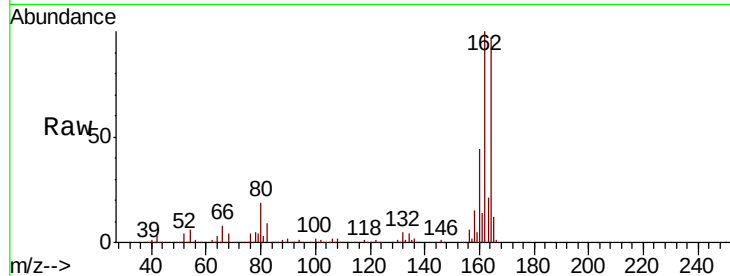




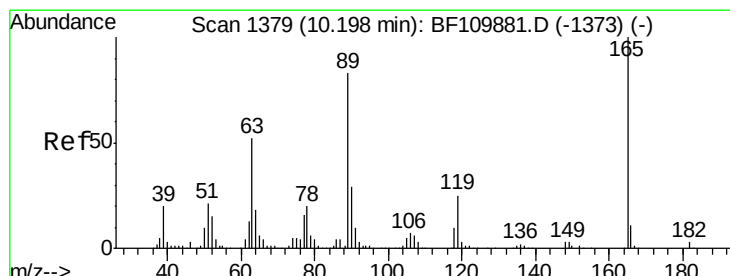
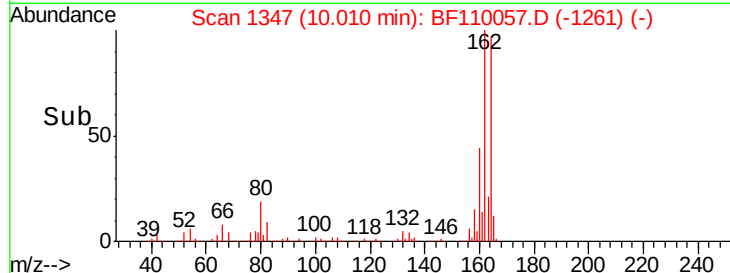
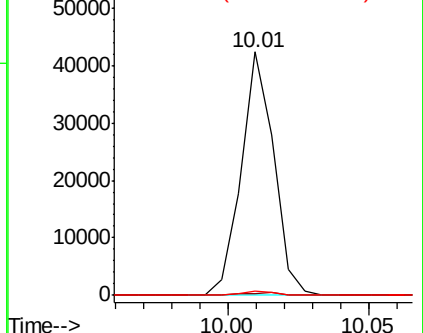
#51
 2,6-Dinitrotoluene
 Concen: 9.116 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF110057.D
 Acq: 22 Oct 2018 18:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	48.9	73.3#
89	1.6	46.6	69.8#



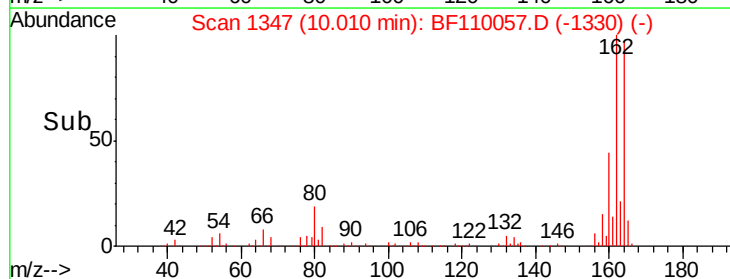
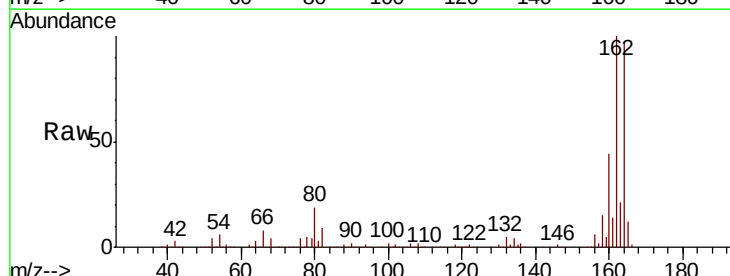
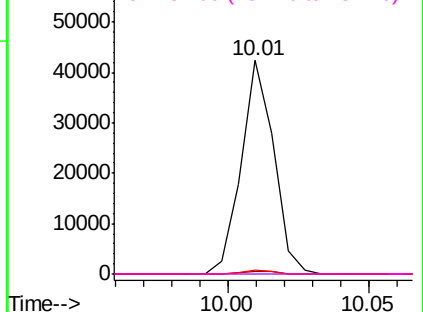
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

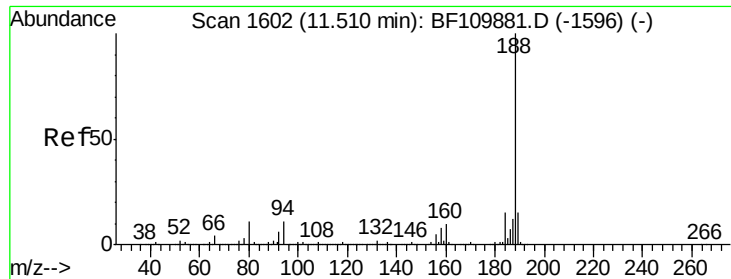


#57
 2,4-Dinitrotoluene
 Concen: 11.111 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.20 min
 Lab File: BF110057.D
 Acq: 22 Oct 2018 18:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.8	67.2#
89	1.6	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: BF110057.D

Acq: 22 Oct 2018 18:59

Instrument :

BNA_F

ClientSampleId :

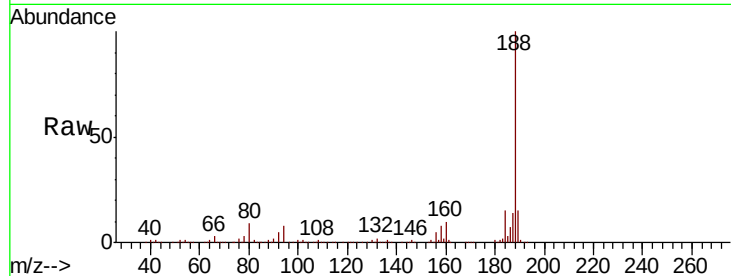
Tot Ion:188 Resp: 428333

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

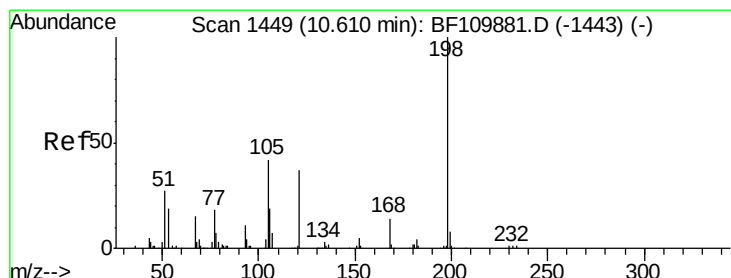
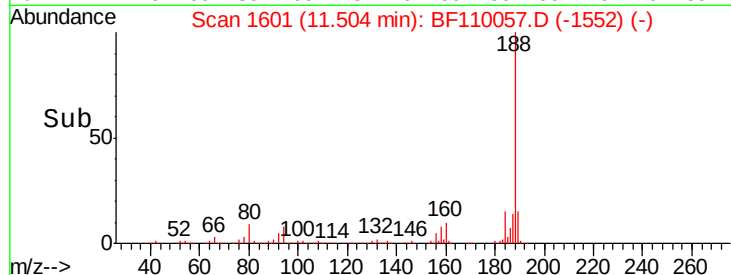
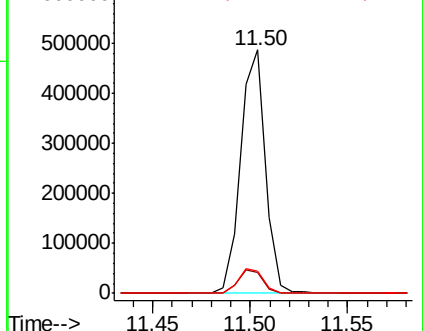
80 9.0 7.9 11.9



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: 8.115 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.18 min

Lab File: BF110057.D

Acq: 22 Oct 2018 18:59

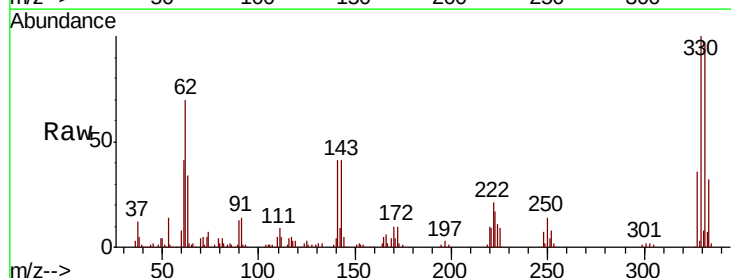
Tgt Ion:198 Resp: 391

Ion Ratio Lower Upper

198 100

51 220.6 22.8 62.8#

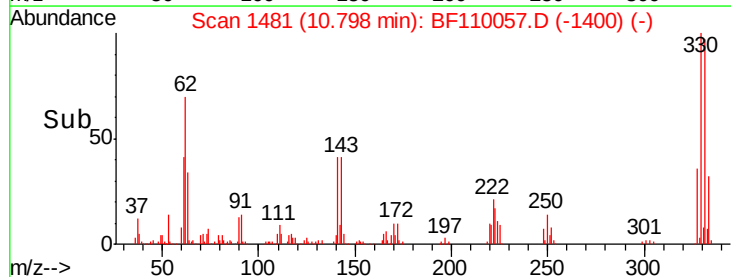
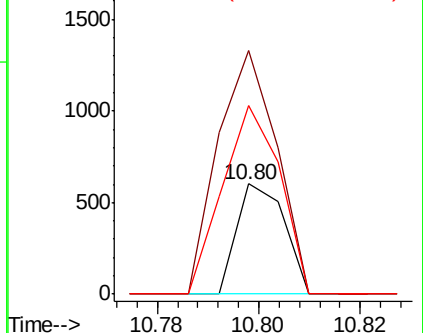
105 171.1 23.6 63.6#

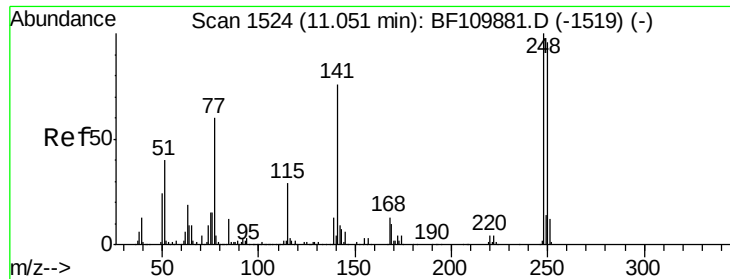


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

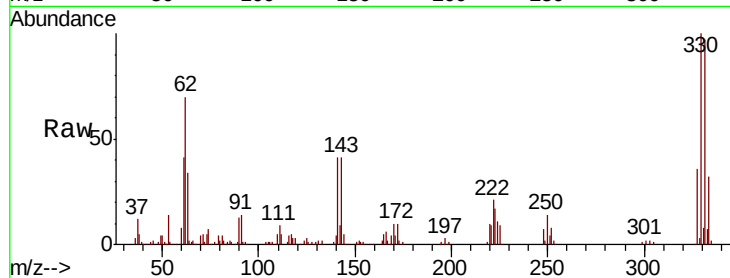




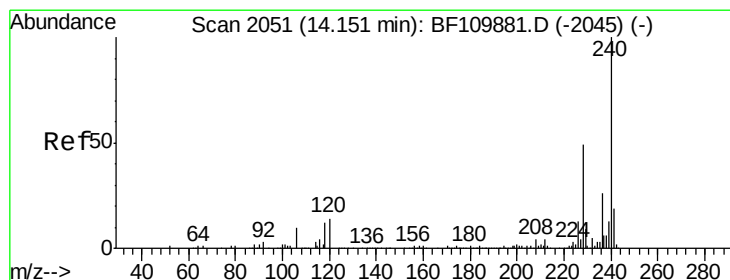
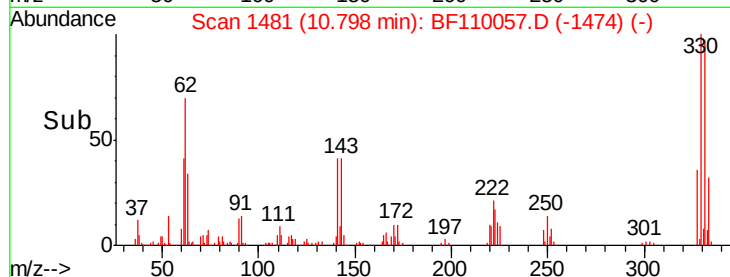
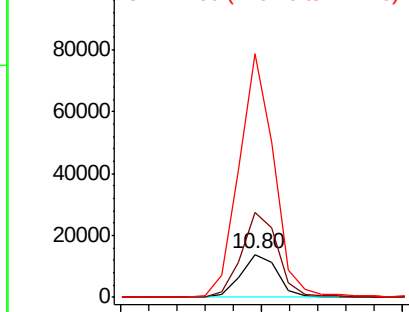
#67
4-Bromophenyl-phenylether
Concen: 2.650 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12300
Ion Ratio Lower Upper
248 100
250 195.3 79.4 119.2#
141 563.8 55.9 83.9#

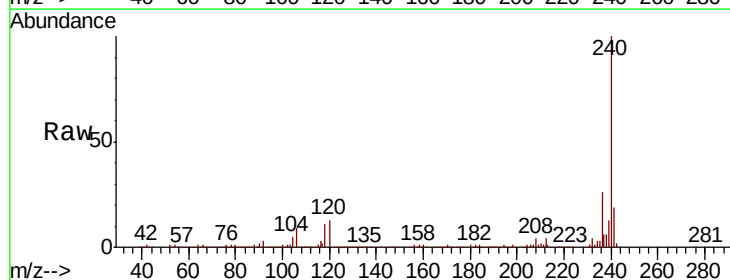


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

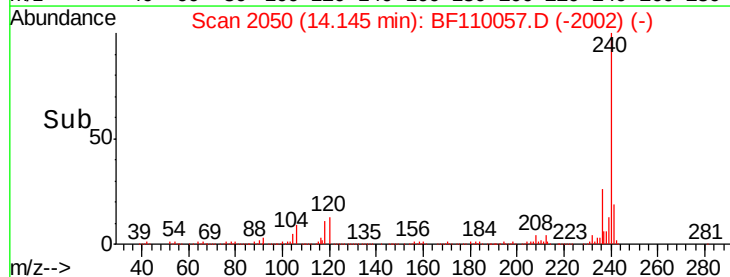
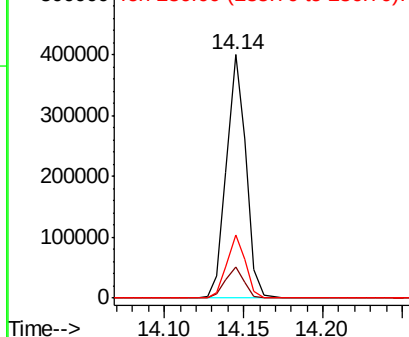


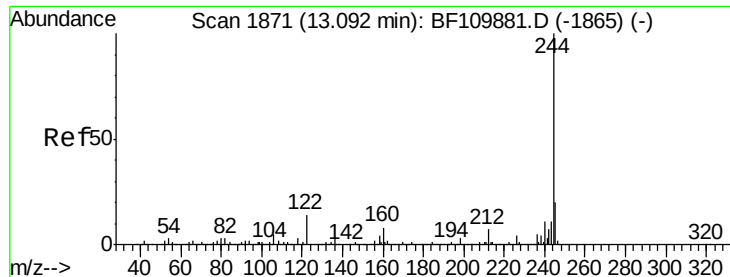
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion:240 Resp: 340922
Ion Ratio Lower Upper
240 100
120 12.6 8.3 12.5#
236 25.9 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



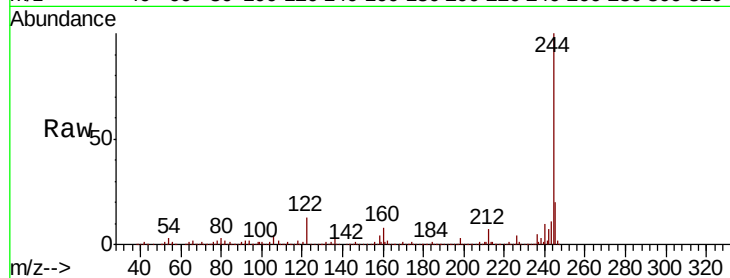


#79
 Terphenyl-d14
 Concen: 77.464 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110057.D
 Acq: 22 Oct 2018 18:59

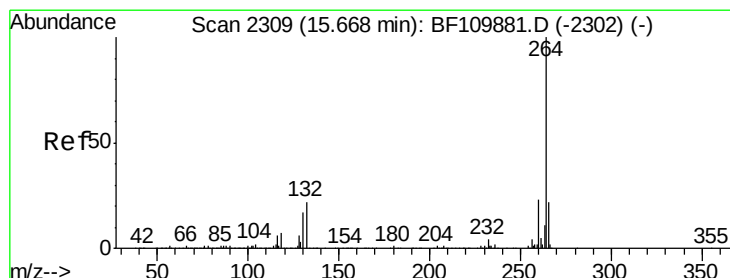
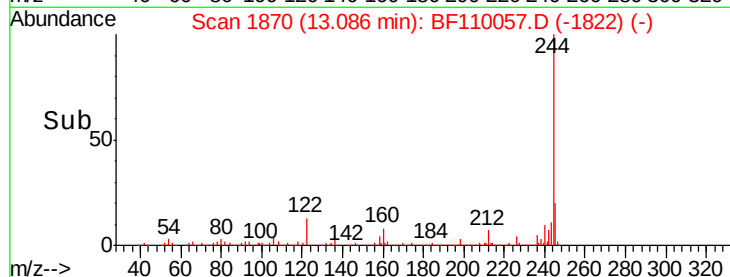
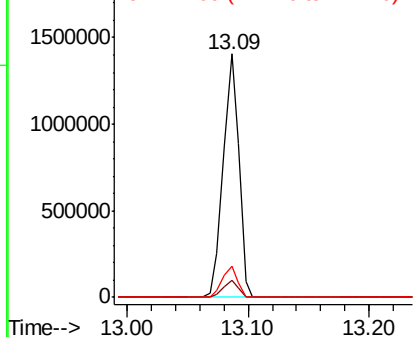
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1257632

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.0	8.7	13.1



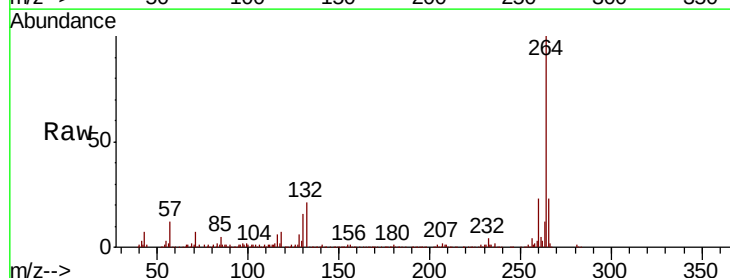
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110057.D
 Acq: 22 Oct 2018 18:59

Tgt Ion:264 Resp: 257380

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.7	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

