

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110191.D
 Acq On : 26 Oct 2018 5:48
 Operator : JU/SJ
 Sample : J5652-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 09:16:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

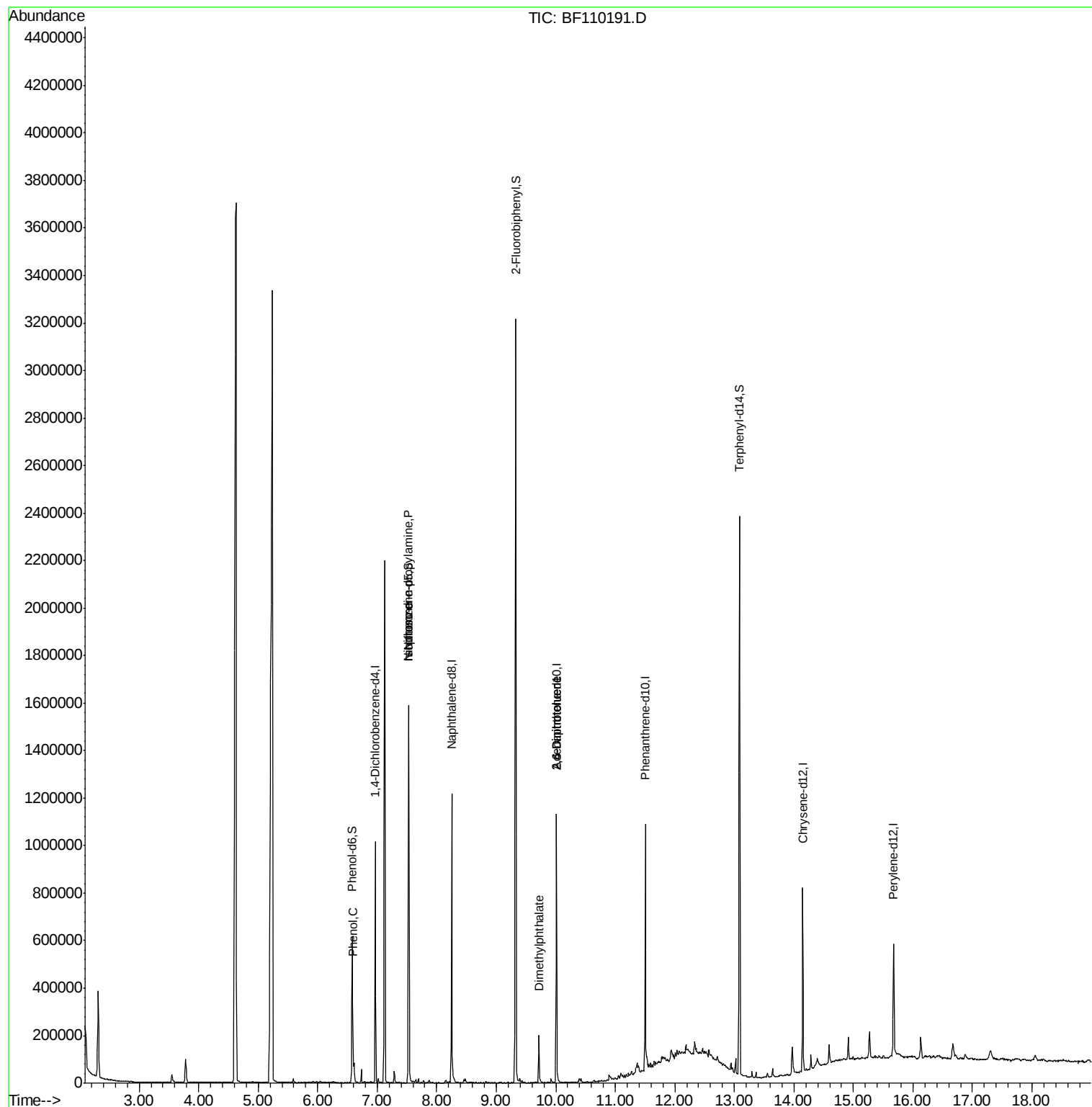
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136045	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	533751	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	220435	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	349533	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	243085	20.00	ng	-0.01
87) Perylene-d12	15.68	264	185570	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	5854	0.70	ng	0.00
7) Phenol-d6	6.58	99	182094	17.04	ng	-0.02
23) Nitrobenzene-d5	7.53	82	554849	61.66	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.33	172	1004102	71.53	ng	-0.01
79) Terphenyl-d14	13.09	244	749136	64.09	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.58	77	116	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	24743	2.166 ng	#	68
19) n-Nitroso-di-n-propylamine	7.53	70	72597	10.590 ng	#	81
25) Isophorone	7.53	82	554838	36.170 ng	#	67
50) Dimethylphthalate	9.72	163	86182	5.296 ng		99
51) 2,6-Dinitrotoluene	10.01	165	27863	7.949 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	27863	6.258 ng	#	19

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

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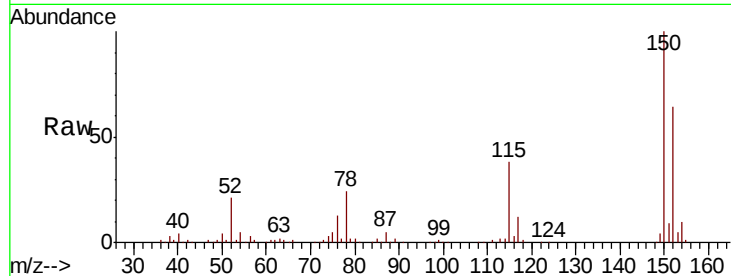


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.7	184.1
115	60.0	49.1	73.7

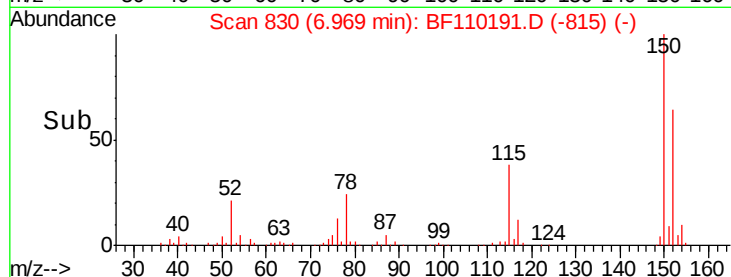
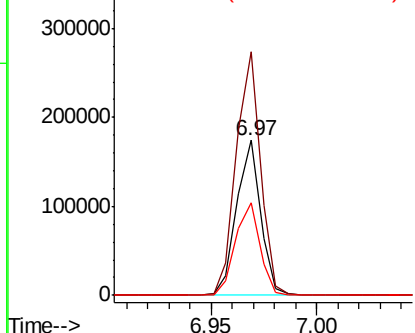


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

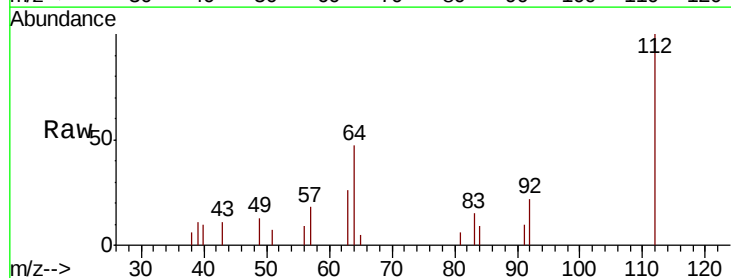
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.701 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.9	44.1	66.1
63	25.5	23.7	35.5

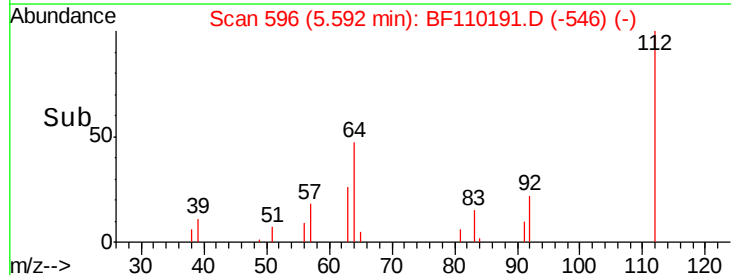
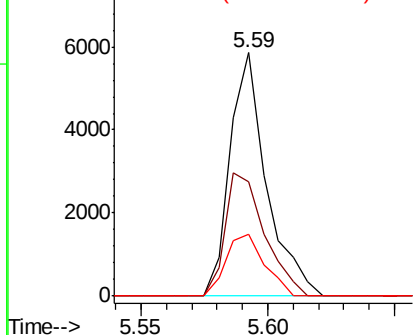


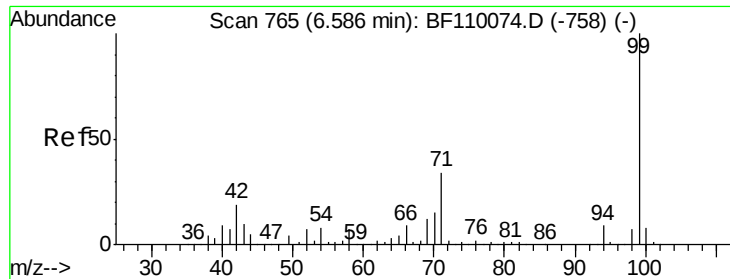
Abundance

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: 17.041 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110191.D

Acq: 26 Oct 2018 5:48

Instrument :

BNA_F

ClientSampled :

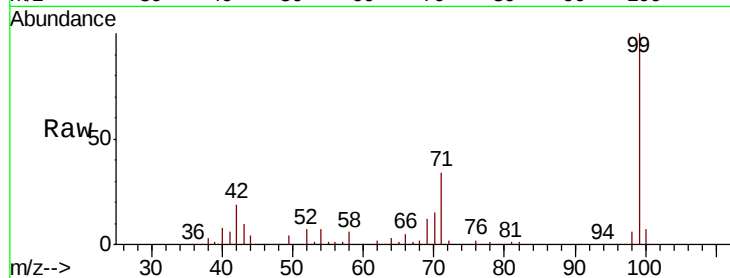
Tot Ion: 99 Resp: 182094

Ion Ratio Lower Upper

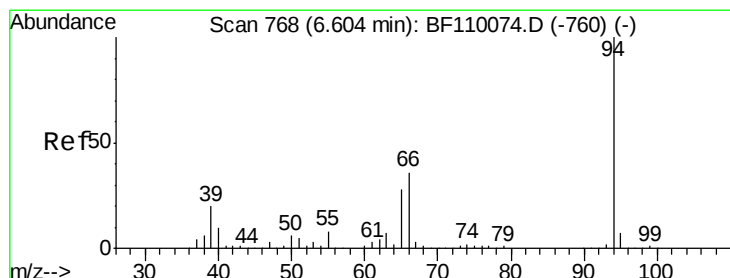
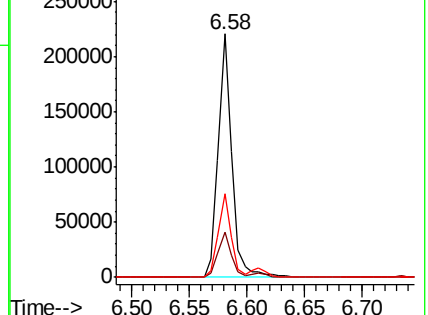
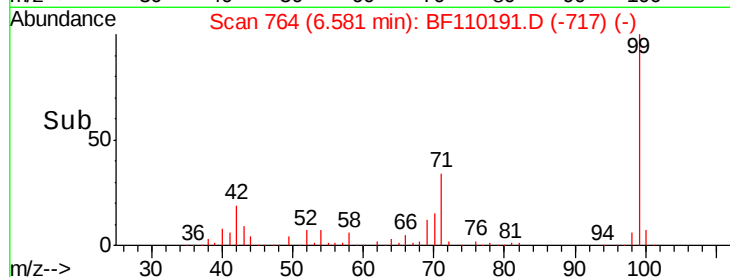
99 100

42 18.8 15.8 23.6

71 34.5 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: 2.166 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110191.D

Acq: 26 Oct 2018 5:48

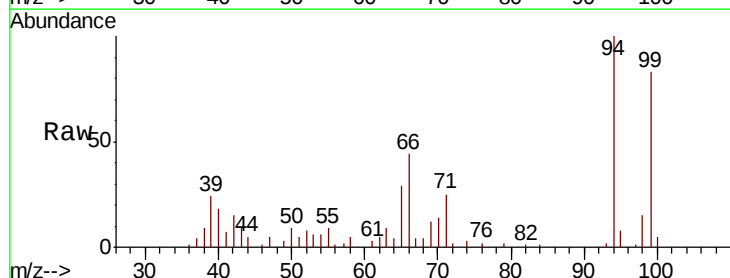
Tgt Ion: 94 Resp: 24743

Ion Ratio Lower Upper

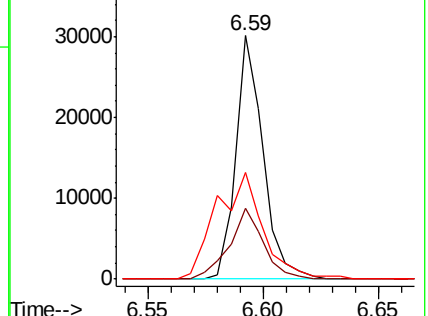
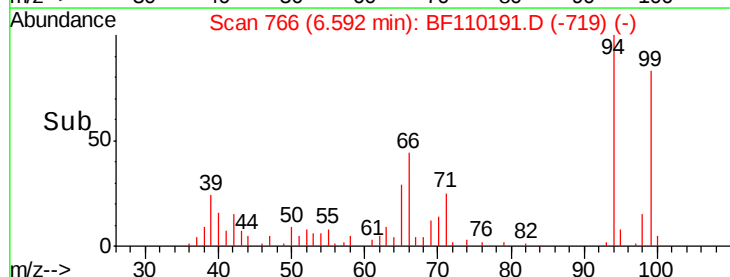
94 100

65 29.0 25.3 65.3

66 43.6 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

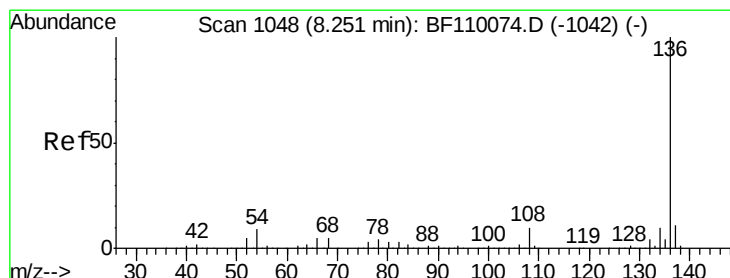
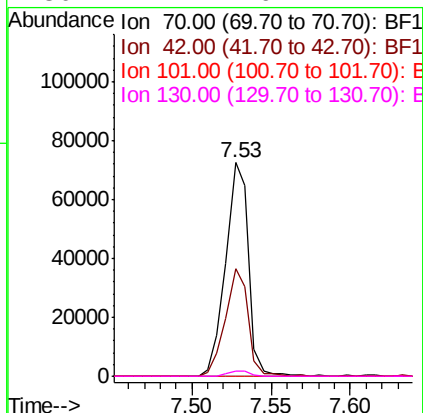
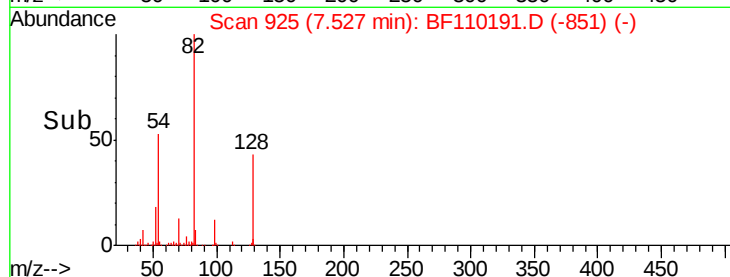
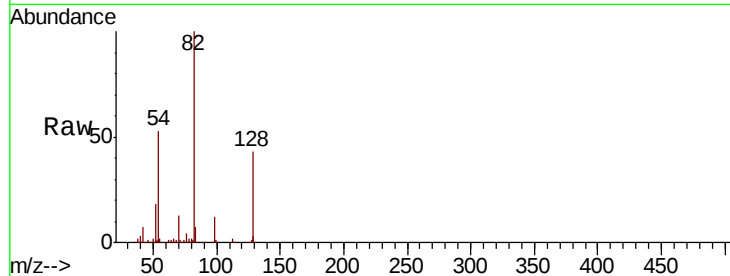




#19
n-Nitroso-di-n-propylamine
Concen: 10.590 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.13 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

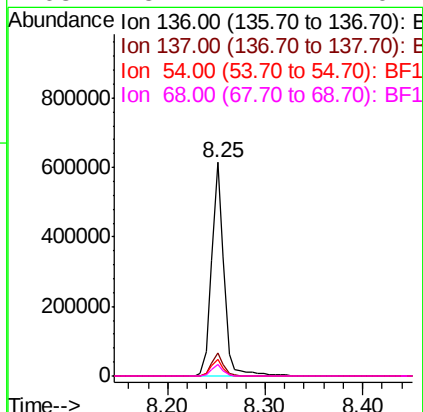
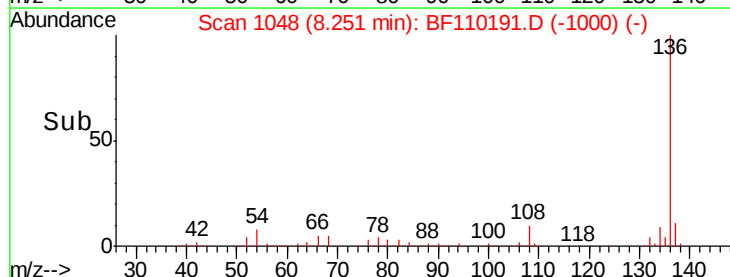
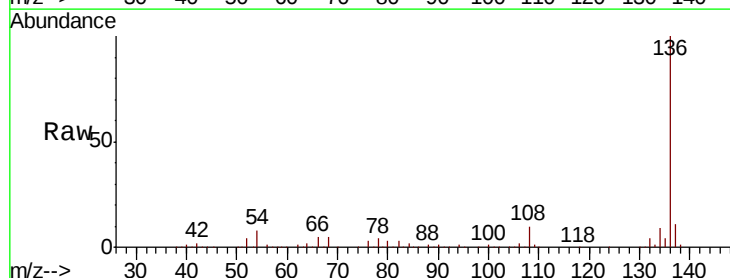
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 72597
Ion Ratio Lower Upper
70 100
42 50.6 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: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

Tgt Ion: 136 Resp: 533751
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 5.4 8.2
68 5.4 4.2 6.2

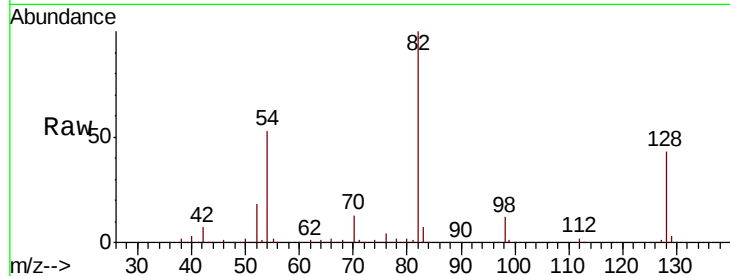




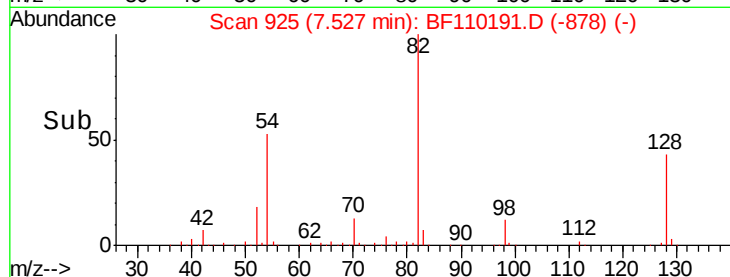
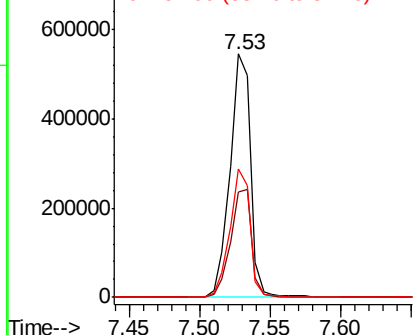
#23
Nitrobenzene-d5
Concen: 61.658 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.2	51.2
54	52.8	38.6	58.0

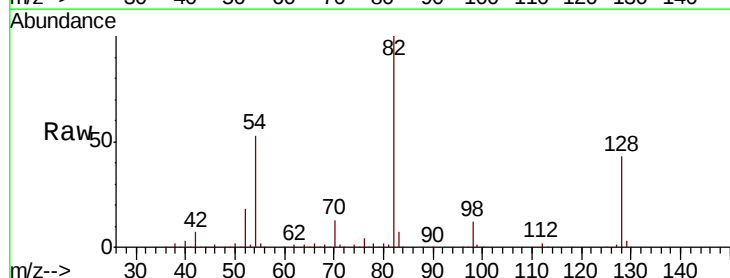


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

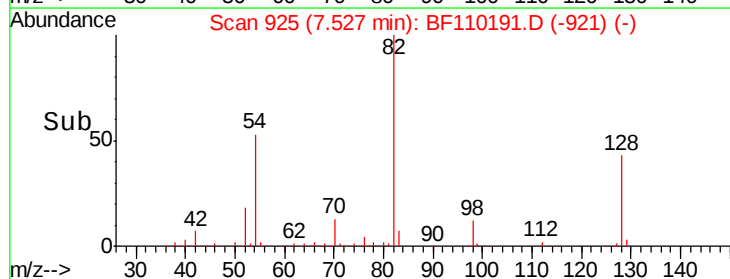
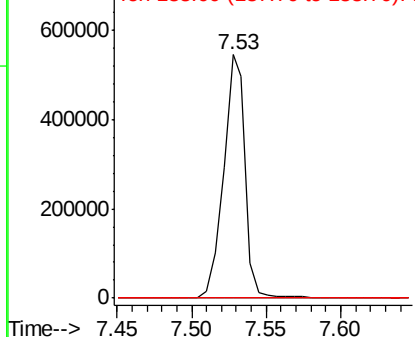


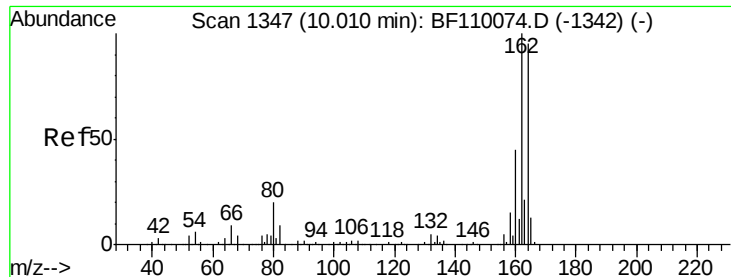
#25
Isophorone
Concen: 36.170 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

Tgt 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: BF110191.D

Acq: 26 Oct 2018 5:48

Instrument :

BNA_F

ClientSampleId :

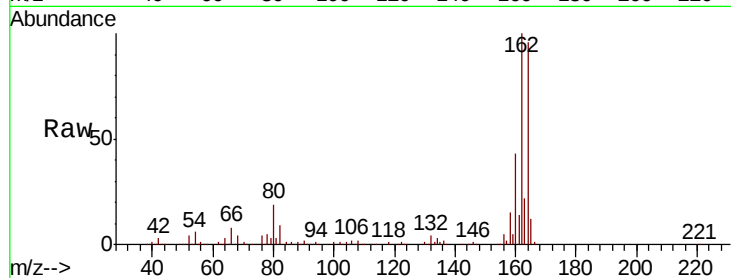
Tot Ion:164 Resp: 220435

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

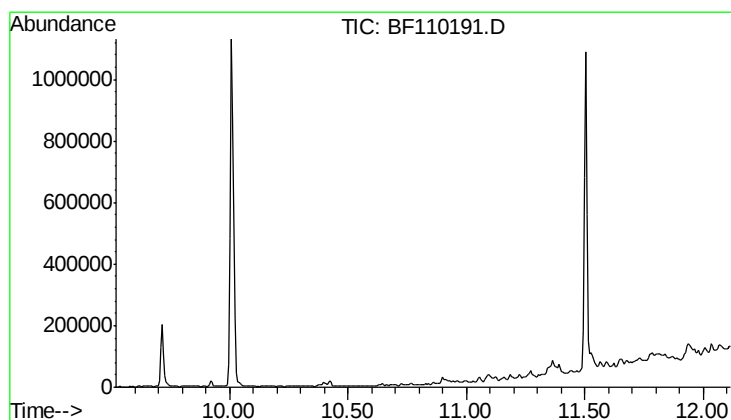
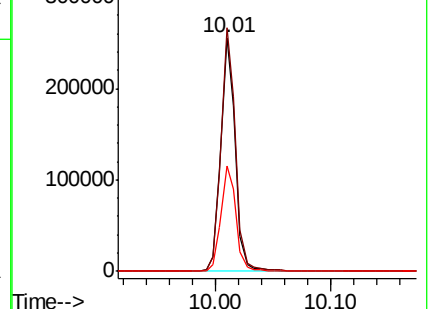
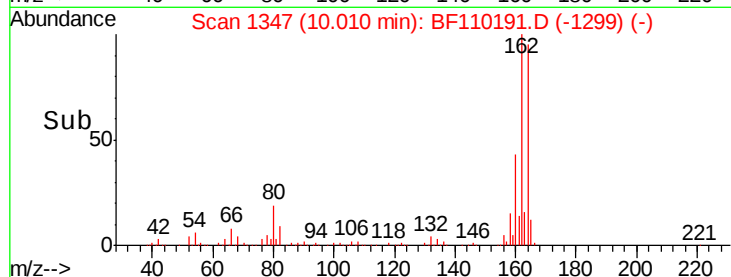
160 45.1 37.0 55.6



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: 0.000 ng

Expected RT: 10.82 min

Lab File: BF110191.D

Acq: 26 Oct 2018 5:48

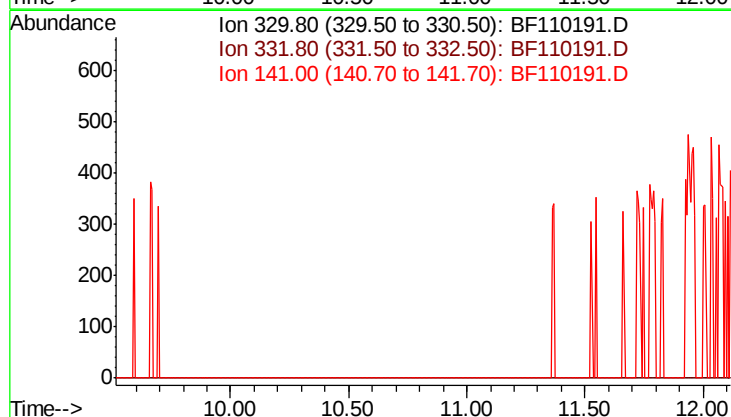
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.4

141 33.7

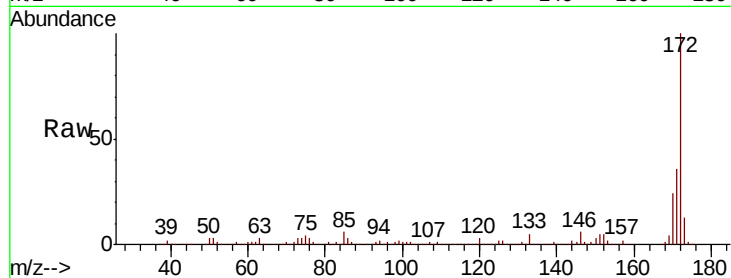




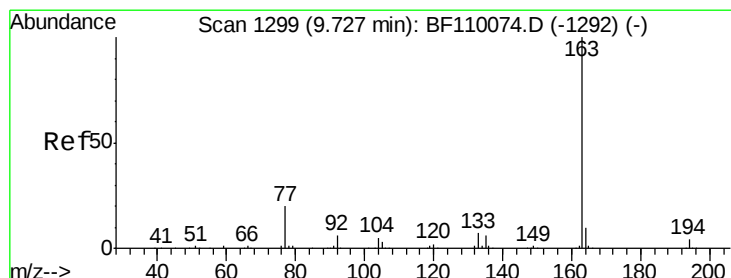
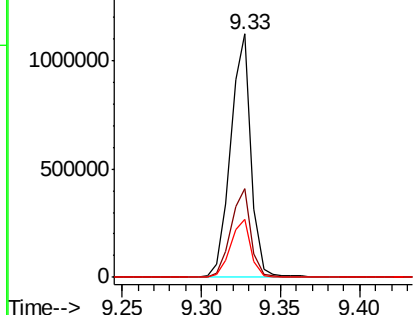
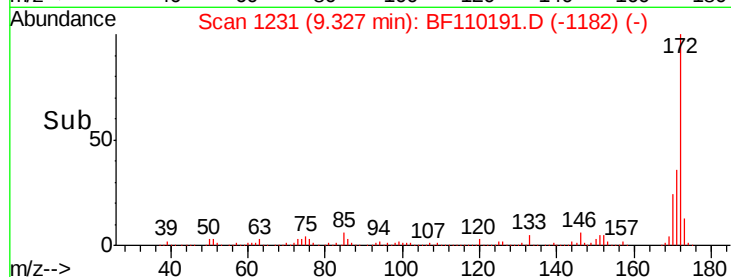
#45
2-Fluorobiphenyl
Concen: 71.527 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1004102
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.7 19.7 29.5

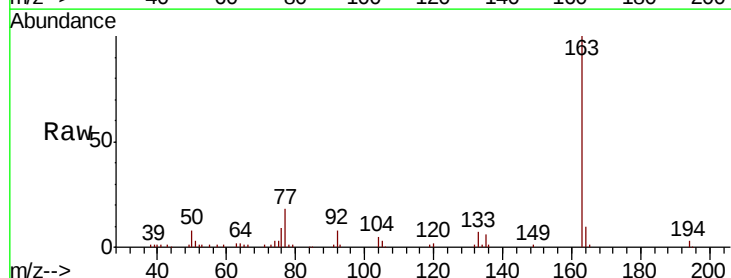


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

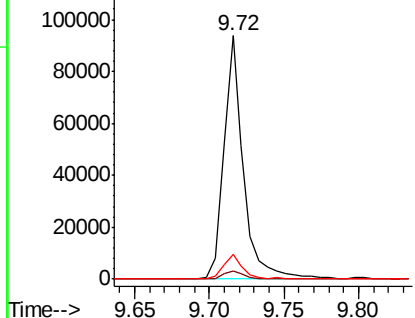
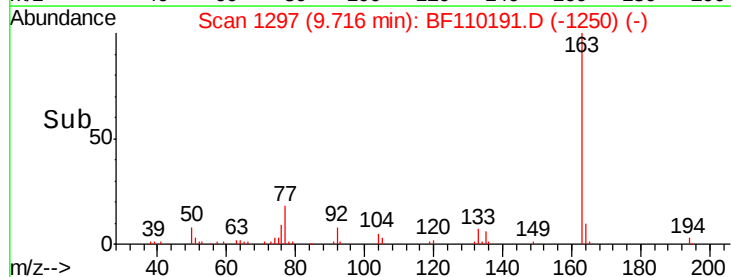


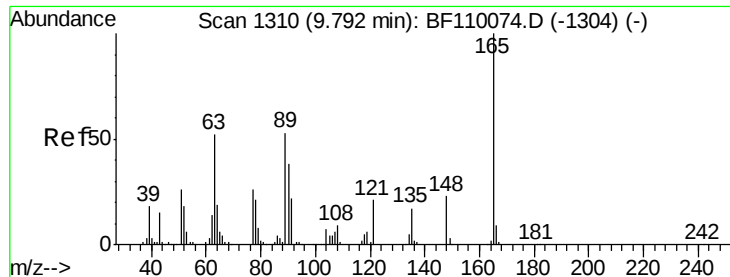
#50
Dimethylphthalate
Concen: 5.296 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

Tgt Ion:163 Resp: 86182
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
120000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

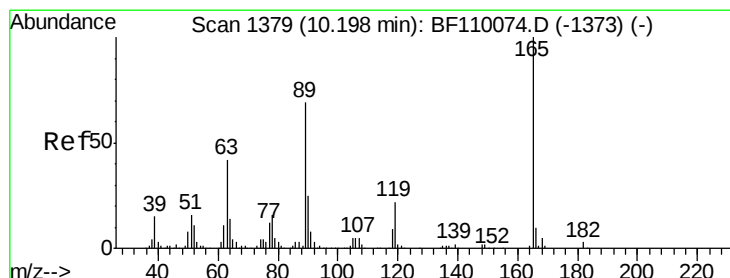
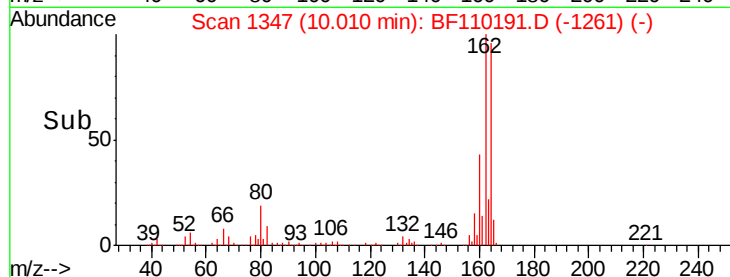
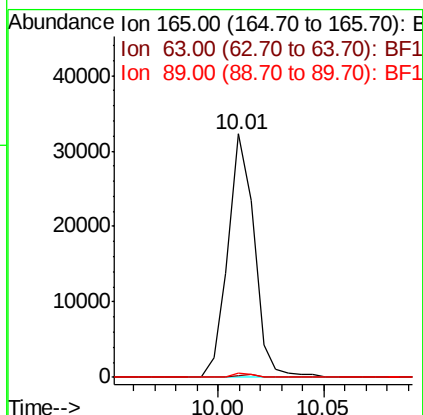
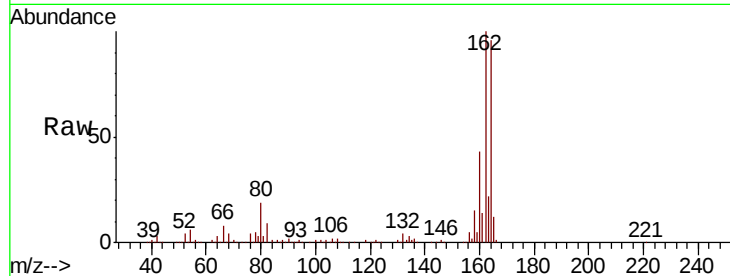




#51
2,6-Dinitrotoluene
Concen: 7.949 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

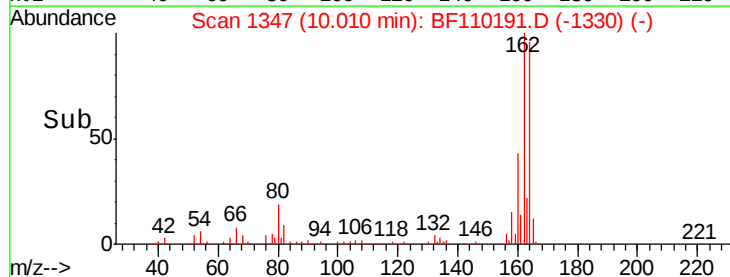
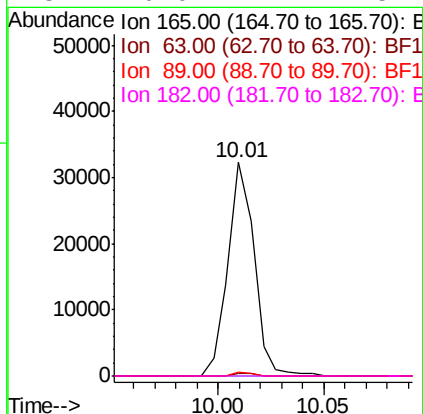
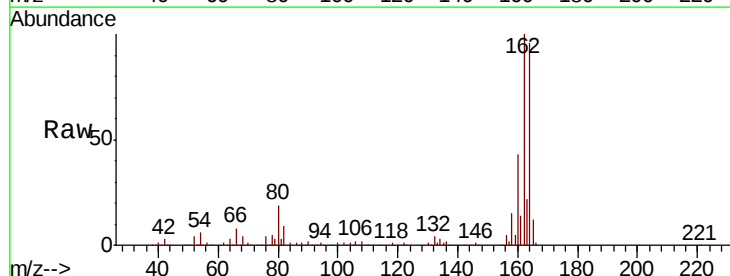
Instrument :
BNA_F
ClientSampleId :

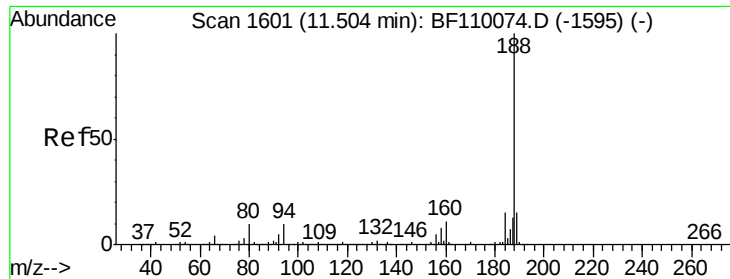
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	48.9	73.3#
89	1.8	46.6	69.8#



#57
2,4-Dinitrotoluene
Concen: 6.258 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#

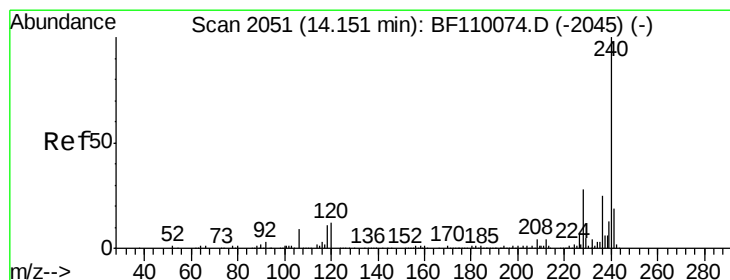
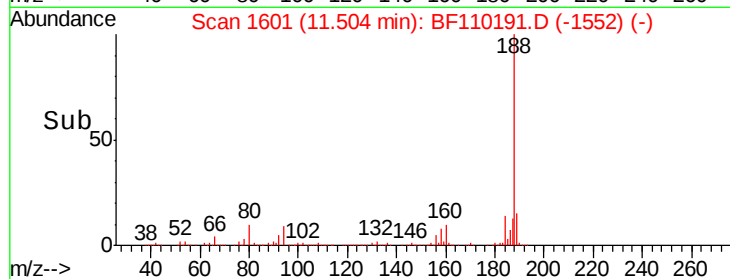
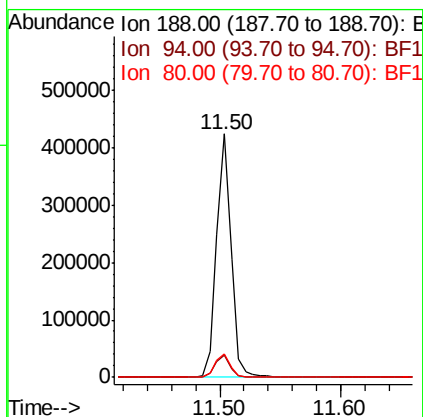
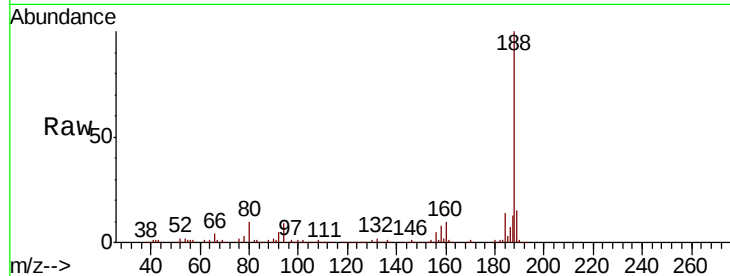




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

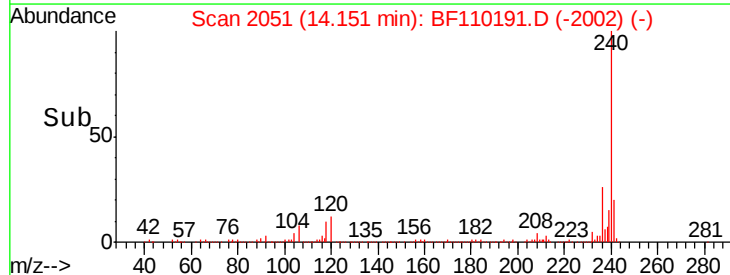
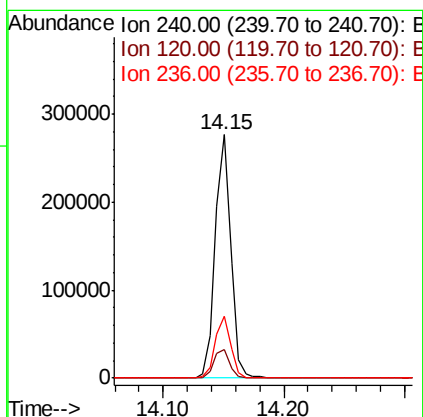
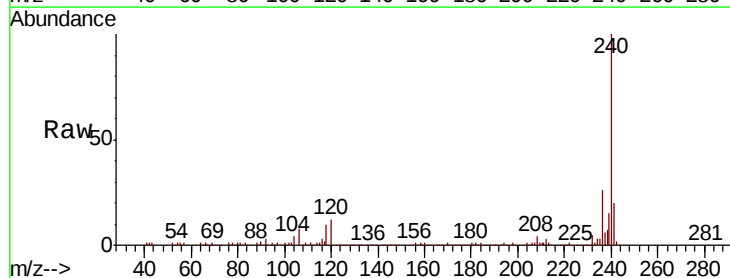
Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 349533
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110191.D
Acq: 26 Oct 2018 5:48

Tgt Ion:240 Resp: 243085
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 25.6 21.2 31.8

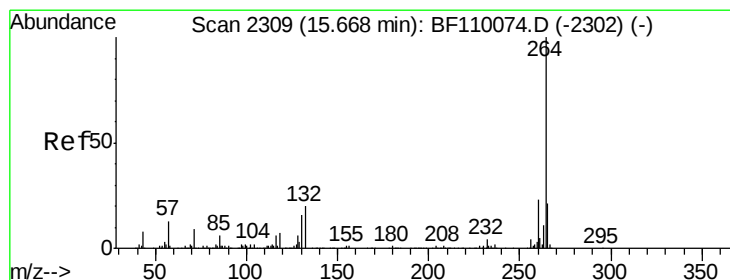
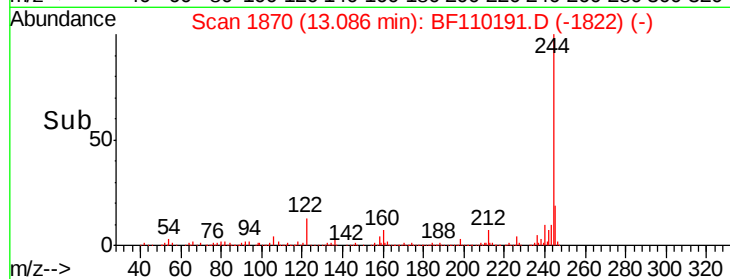
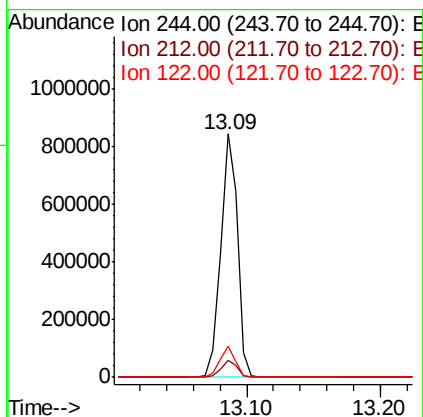
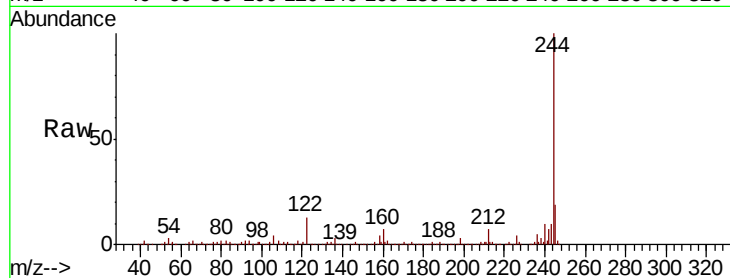




#79
 Terphenyl-d14
 Concen: 64.092 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110191.D
 Acq: 26 Oct 2018 5:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 749136
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.6 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: BF110191.D
 Acq: 26 Oct 2018 5:48

Tgt Ion:264 Resp: 185570
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.9 16.7 25.1

