

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110096.D
 Acq On : 23 Oct 2018 23:49
 Operator : JU/SJ
 Sample : PB113698BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 03:01:08 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

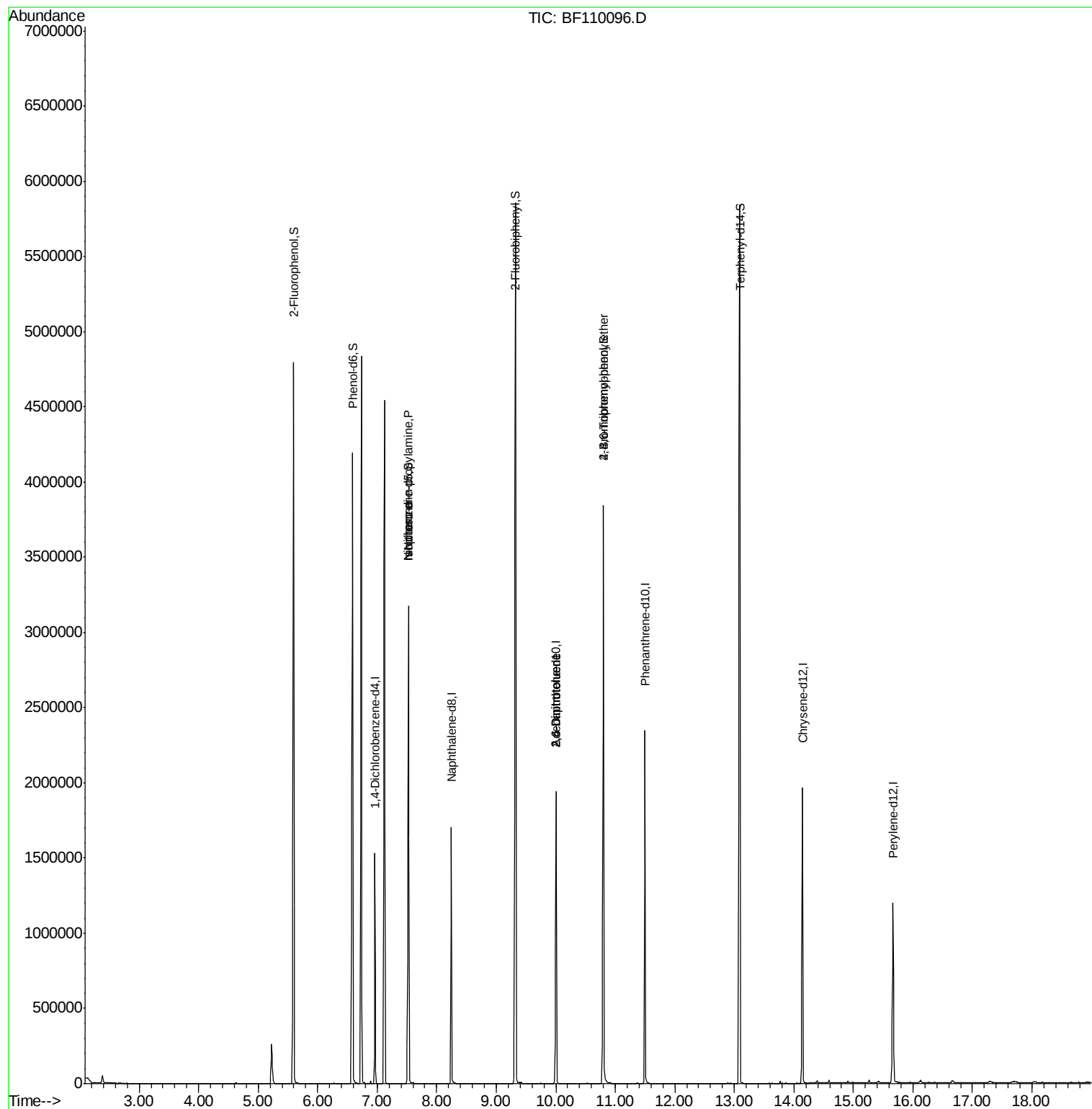
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	203937	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	819532	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	401977	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	802650	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	681832	20.00	ng	-0.02
87) Perylene-d12	15.67	264	587876	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1486902	118.73	ng	0.00
7) Phenol-d6	6.59	99	1896590	118.40	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1203531	87.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	508506	127.71	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	2178403	85.10	ng	-0.02
79) Terphenyl-d14	13.09	244	2351902	71.74	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	2869	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	159894	15.559 ng	#	1
25) Isophorone	7.53	82	1203511	51.099 ng	#	81
51) 2,6-Dinitrotoluene	10.00	165	50543	7.908 ng	#	67
57) 2,4-Dinitrotoluene	10.00	165	50543	6.226 ng	#	23
67) 4-Bromophenyl-phenylether	10.80	248	32699	3.756 ng	#	19
					#	1

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

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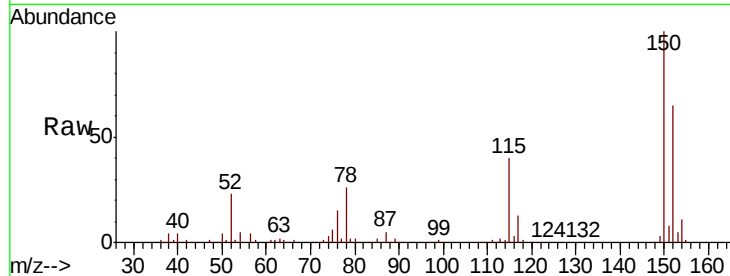


#1

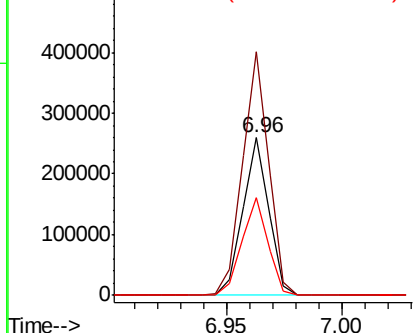
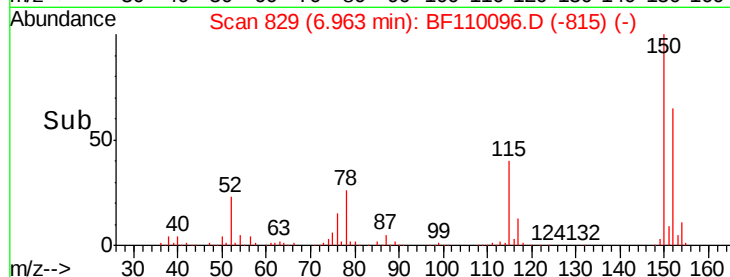
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: BF110096.D
 Acq: 23 Oct 2018 23:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 203937
 Ion Ratio Lower Upper
 152 100
 150 154.7 122.7 184.1
 115 62.4 49.1 73.7



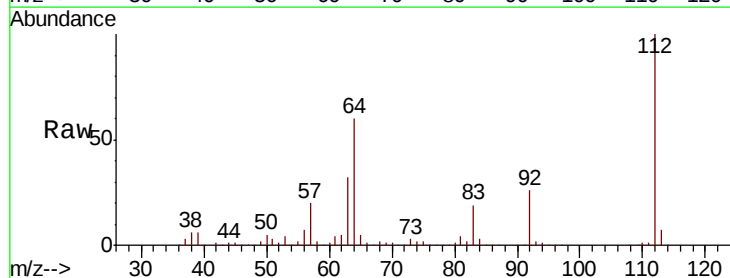
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



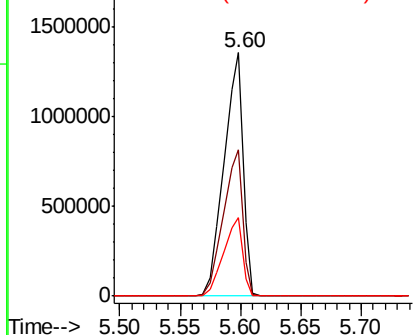
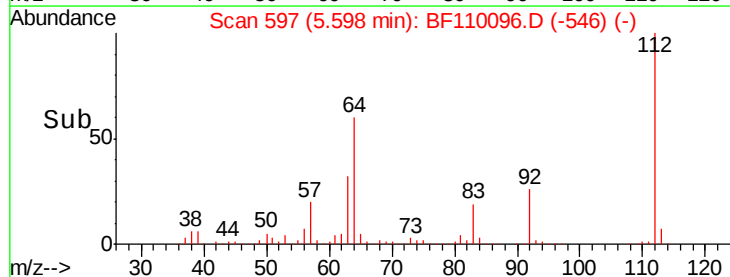
#5

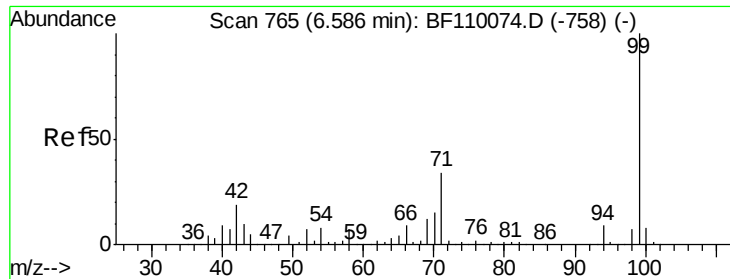
2-Fluorophenol
 Concen: 118.730 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF110096.D
 Acq: 23 Oct 2018 23:49

Tgt Ion:112 Resp: 1486902
 Ion Ratio Lower Upper
 112 100
 64 60.2 44.1 66.1
 63 32.1 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: 118.401 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

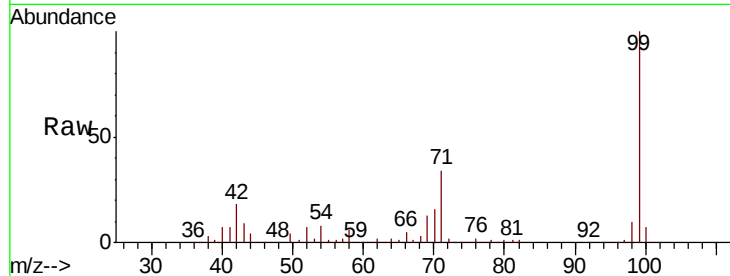
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1896590

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.6
71	33.9	28.0	42.0

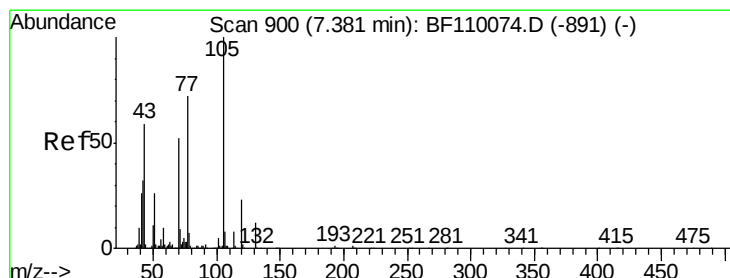
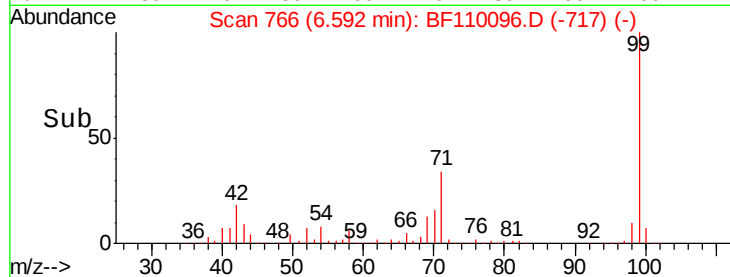
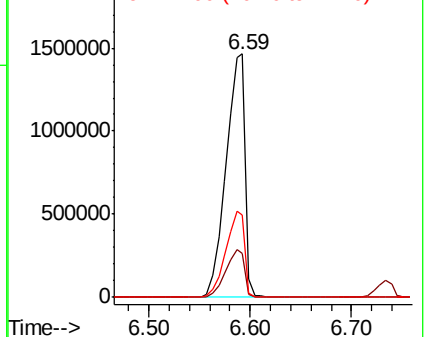


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.559 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.14 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

Tgt Ion: 70 Resp: 159894

Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

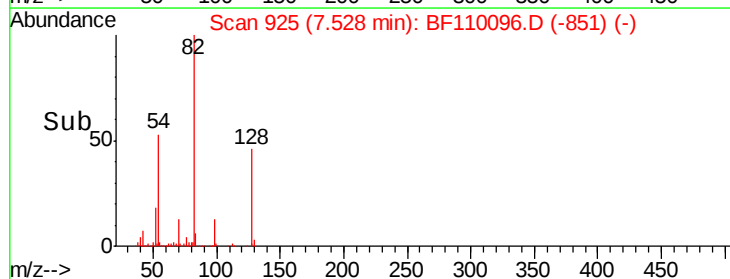
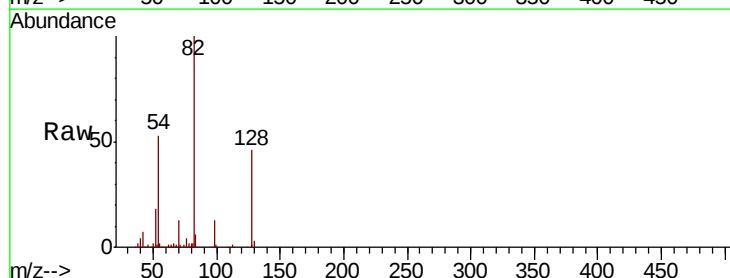
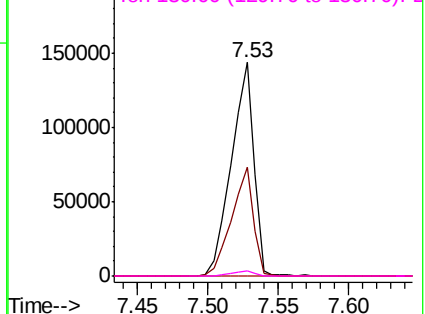
Abundance

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: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 819532

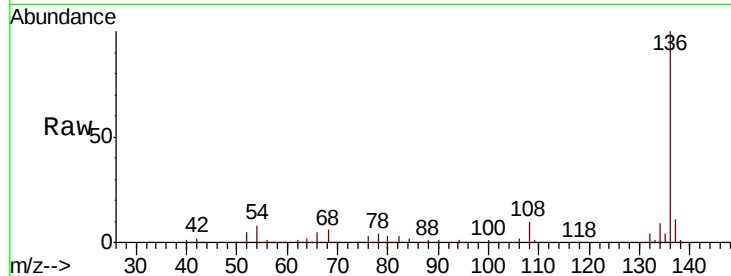
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.2 5.4 8.2#

68 5.8 4.2 6.2

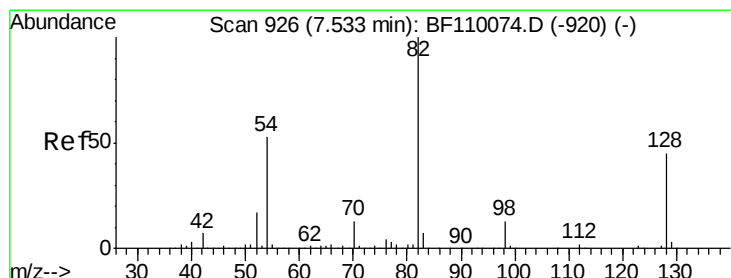
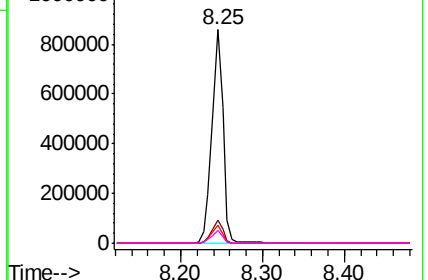
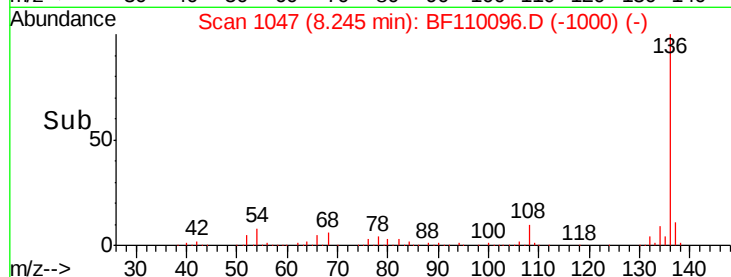


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.105 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

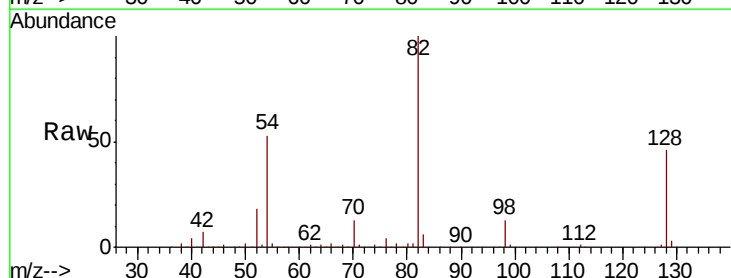
Tgt Ion: 82 Resp: 1203531

Ion Ratio Lower Upper

82 100

128 45.6 34.2 51.2

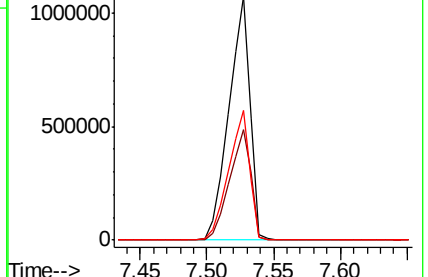
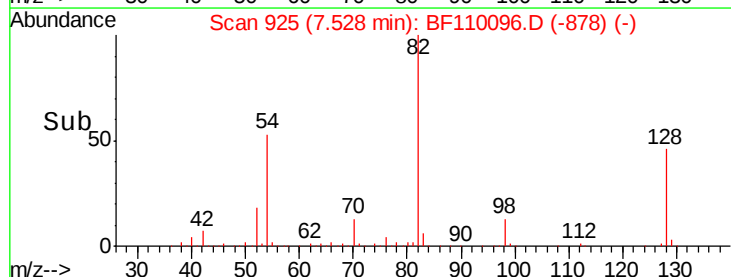
54 53.3 38.6 58.0

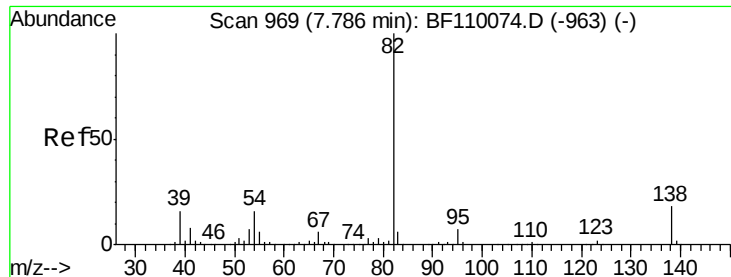


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.099 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.28 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

Instrument :

BNA_F

ClientSampled :

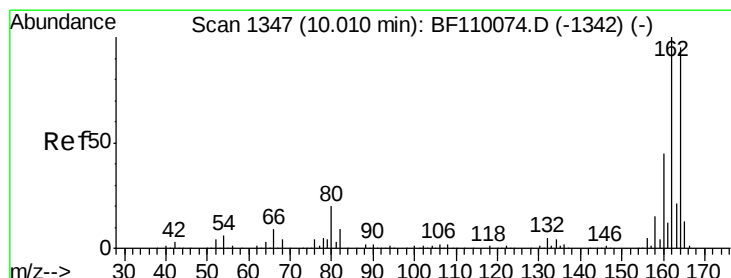
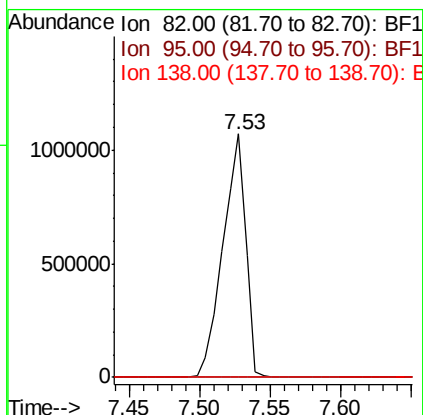
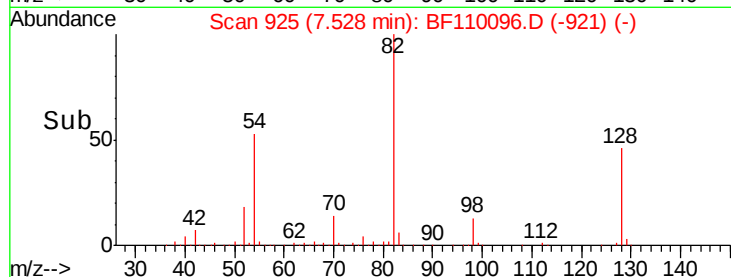
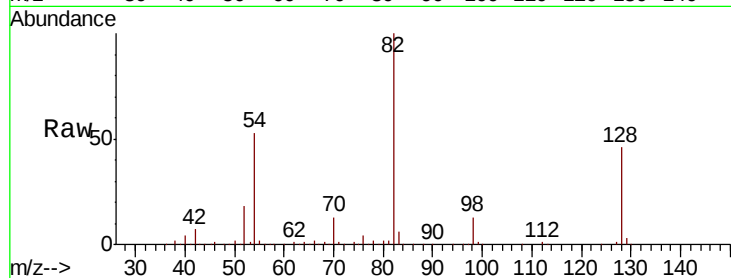
Tot Ion: 82 Resp: 1203511

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

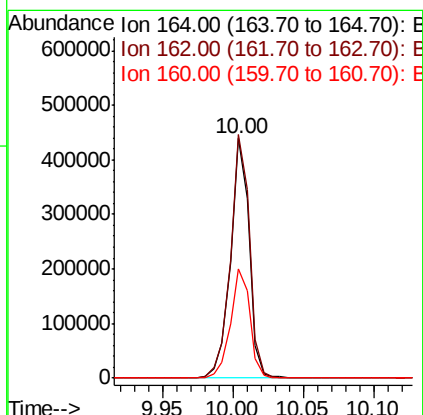
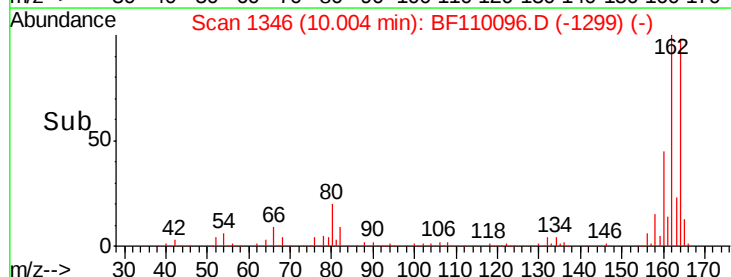
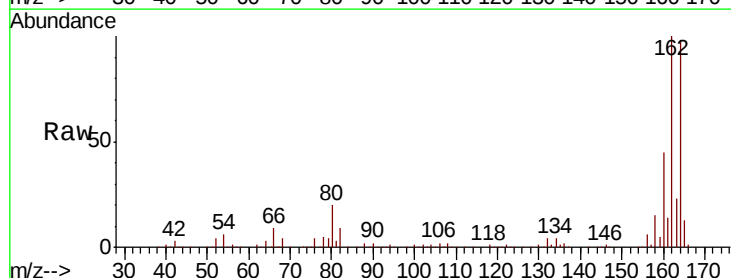
Tgt Ion: 164 Resp: 401977

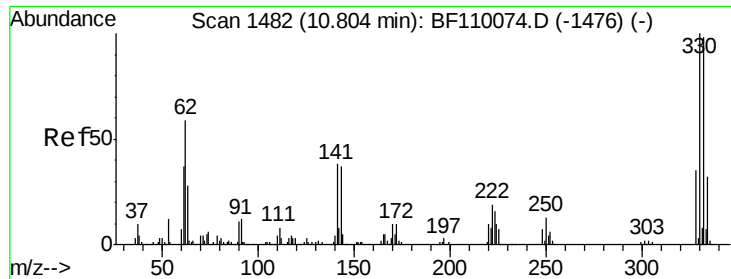
Ion Ratio Lower Upper

164 100

162 101.8 83.0 124.6

160 45.8 37.0 55.6

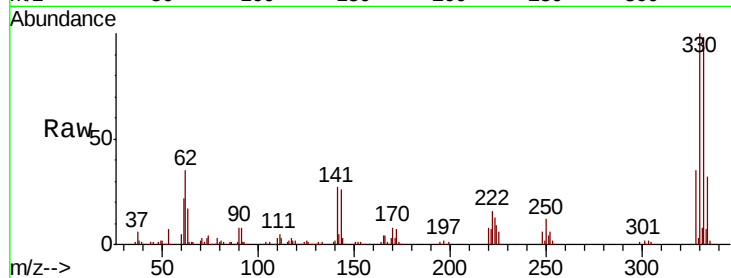




#42
 2,4,6-Tribromophenol
 Concen: 127.706 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110096.D
 Acq: 23 Oct 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	36.5	27.0	40.4

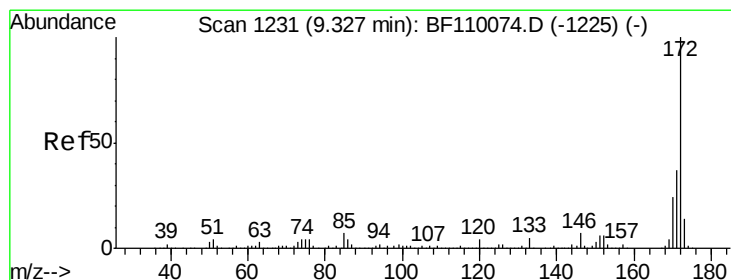
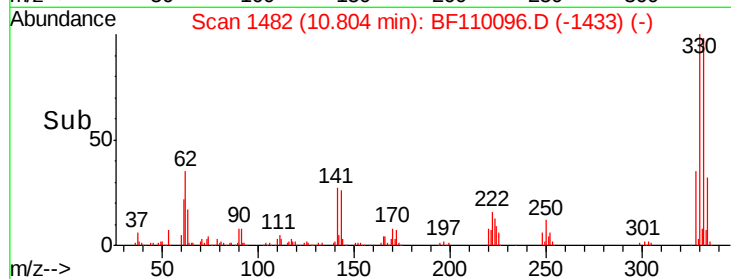
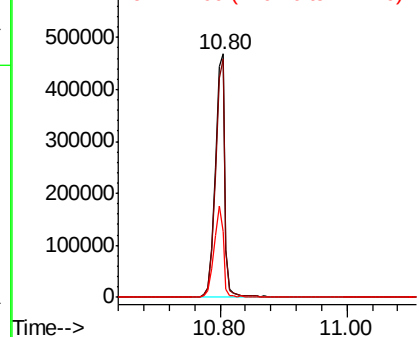


Abundance

Ion 329.80 (329.50 to 330.50): E

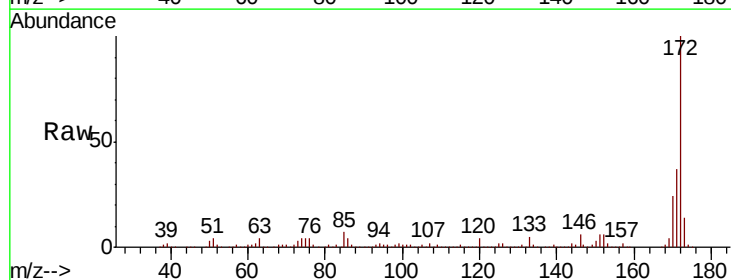
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.096 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110096.D
 Acq: 23 Oct 2018 23:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.2	19.7	29.5

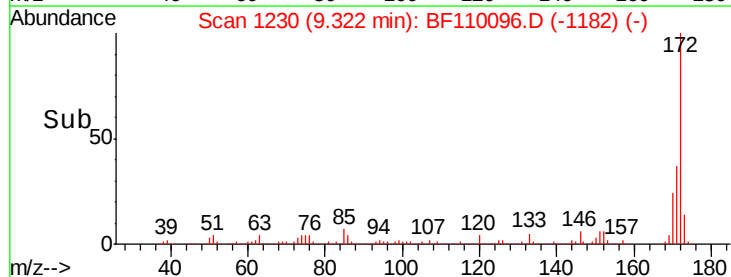
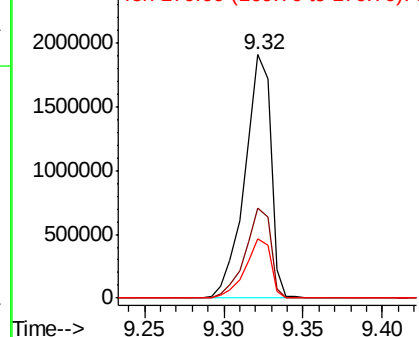


Abundance

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: 7.908 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.20 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

Instrument :

BNA_F

ClientSampleId :

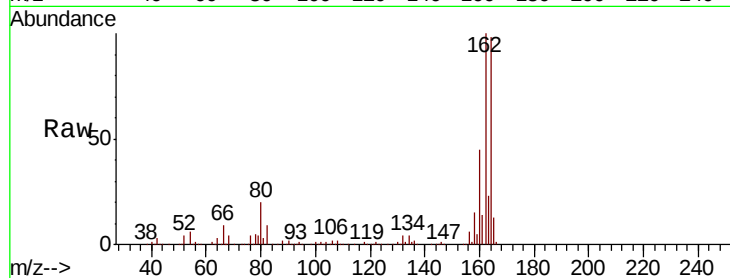
Tot Ion:165 Resp: 50543

Ion Ratio Lower Upper

165 100

63 1.6 48.9 73.3#

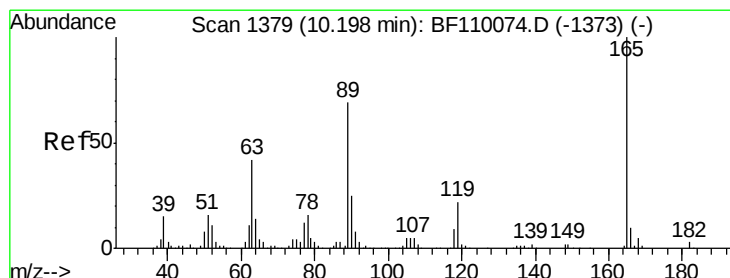
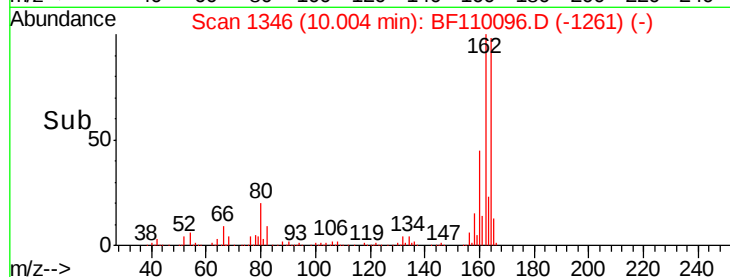
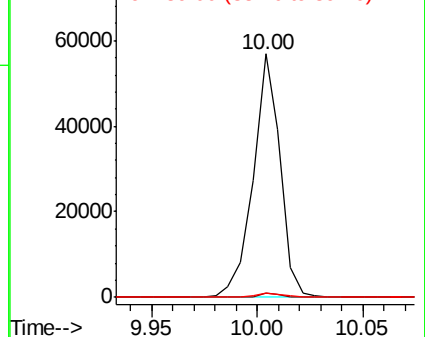
89 1.6 46.6 69.8#



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: 6.226 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.21 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

Tgt Ion:165 Resp: 50543

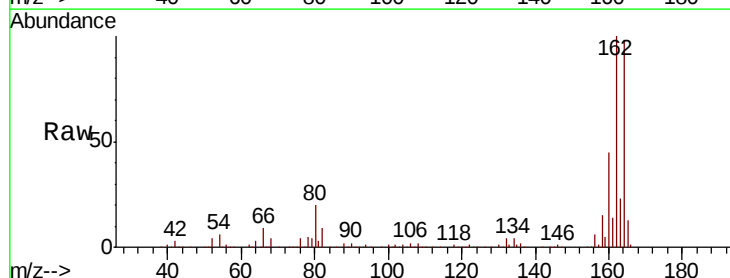
Ion Ratio Lower Upper

165 100

63 1.6 44.8 67.2#

89 1.6 62.2 93.4#

182 0.0 2.1 3.1#

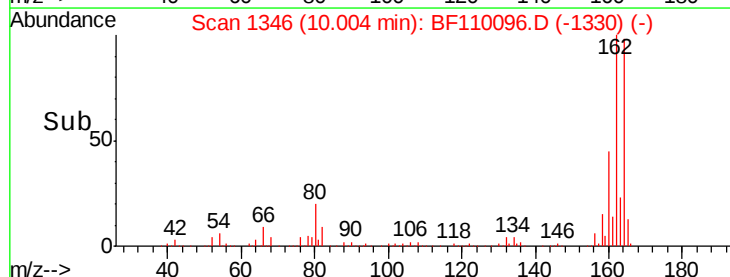
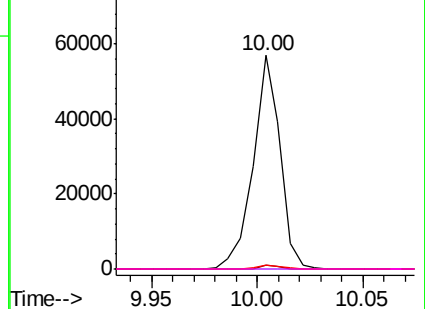


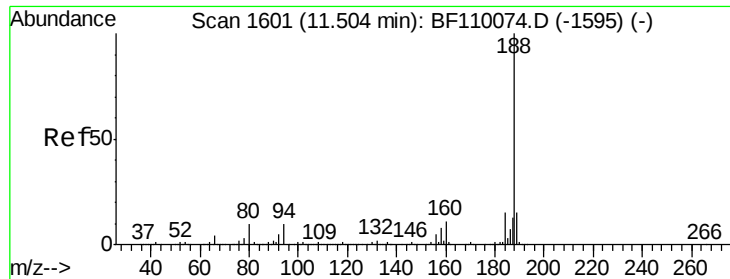
Abundance Ion 165.00 (164.70 to 165.70): E

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

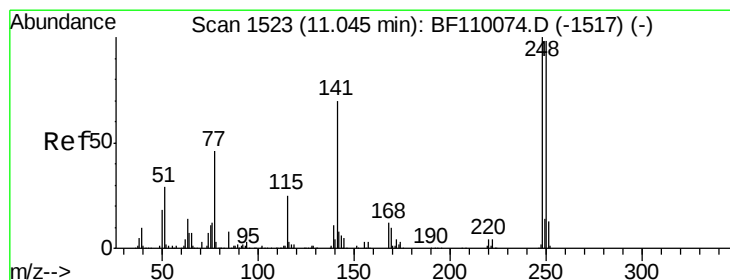
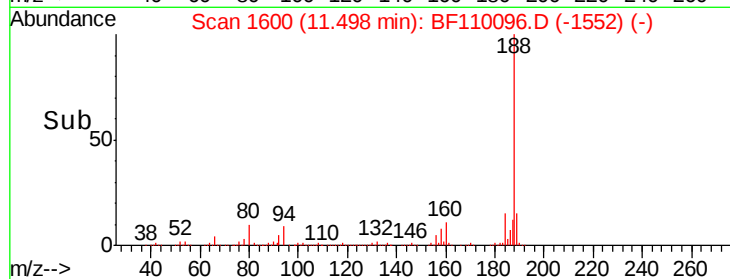
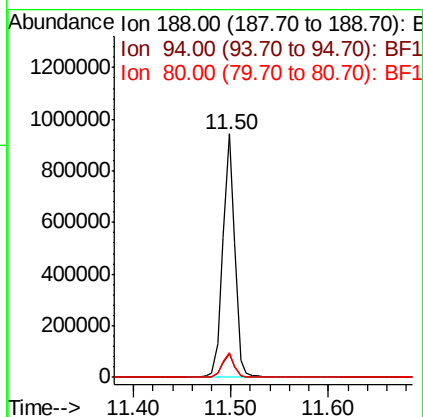
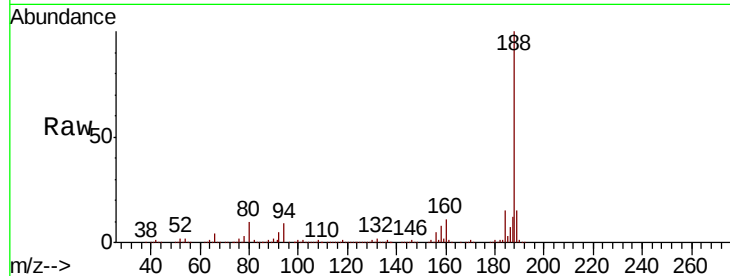




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110096.D
Acq: 23 Oct 2018 23:49

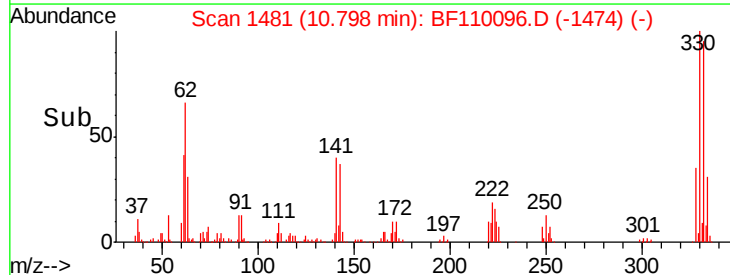
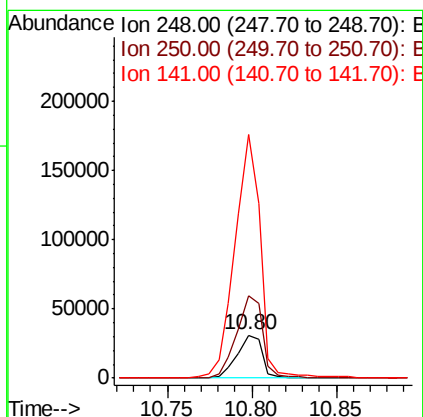
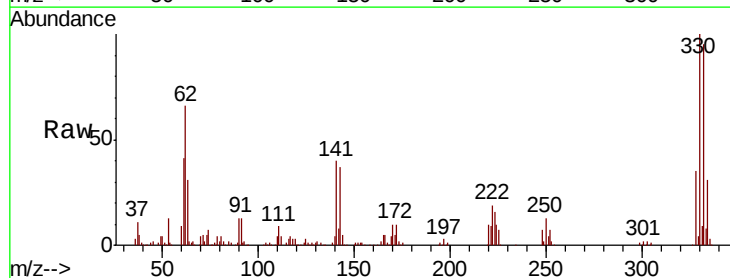
Instrument :
BNA_F
ClientSampleId :

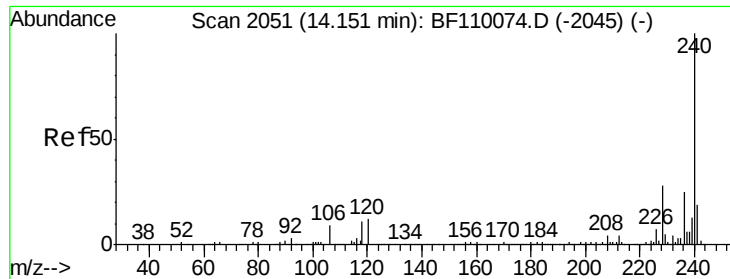
Tot Ion:188 Resp: 802650
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.756 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110096.D
Acq: 23 Oct 2018 23:49

Tgt Ion:248 Resp: 32699
Ion Ratio Lower Upper
248 100
250 191.9 79.4 119.2#
141 566.7 55.9 83.9#

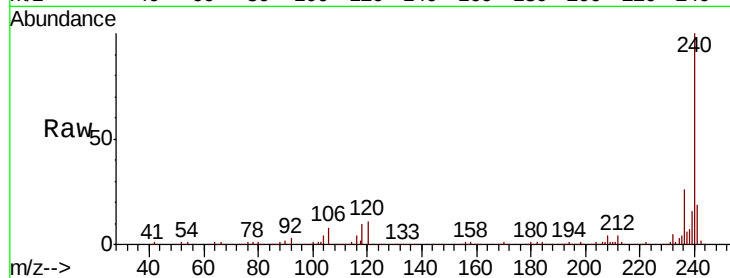




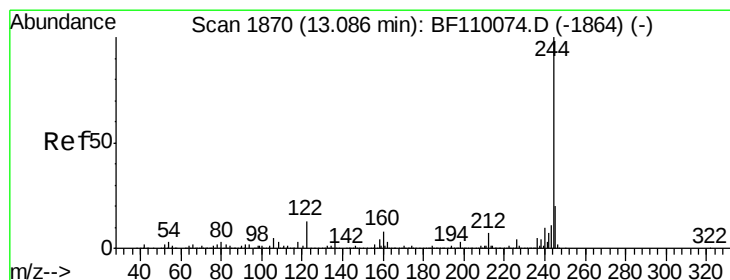
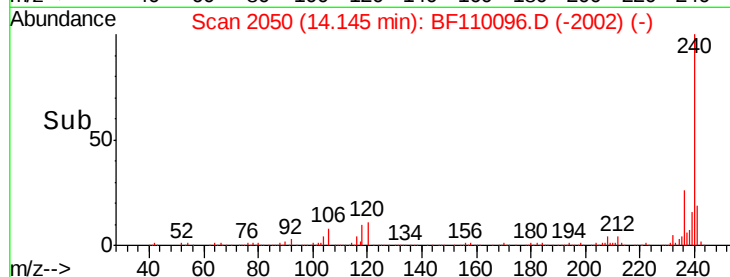
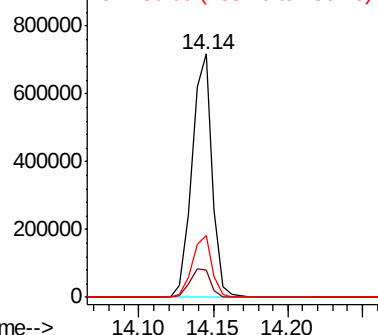
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110096.D
Acq: 23 Oct 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.6	21.2	31.8

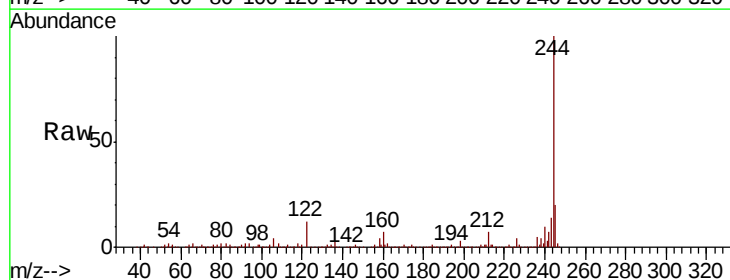


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

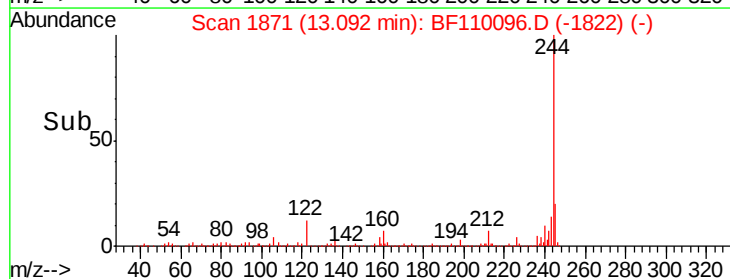
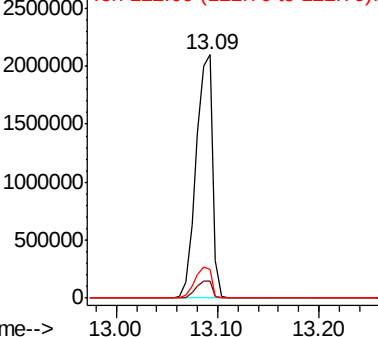


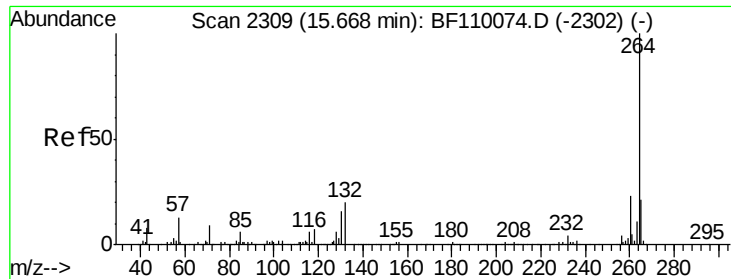
#79
Terphenyl-d14
Concen: 71.737 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110096.D
Acq: 23 Oct 2018 23:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.8	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: BF110096.D
Acq: 23 Oct 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.1	16.7	25.1

