

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110241.D
 Acq On : 27 Oct 2018 5:33
 Operator : JU/SJ
 Sample : J5686-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 06:32:03 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

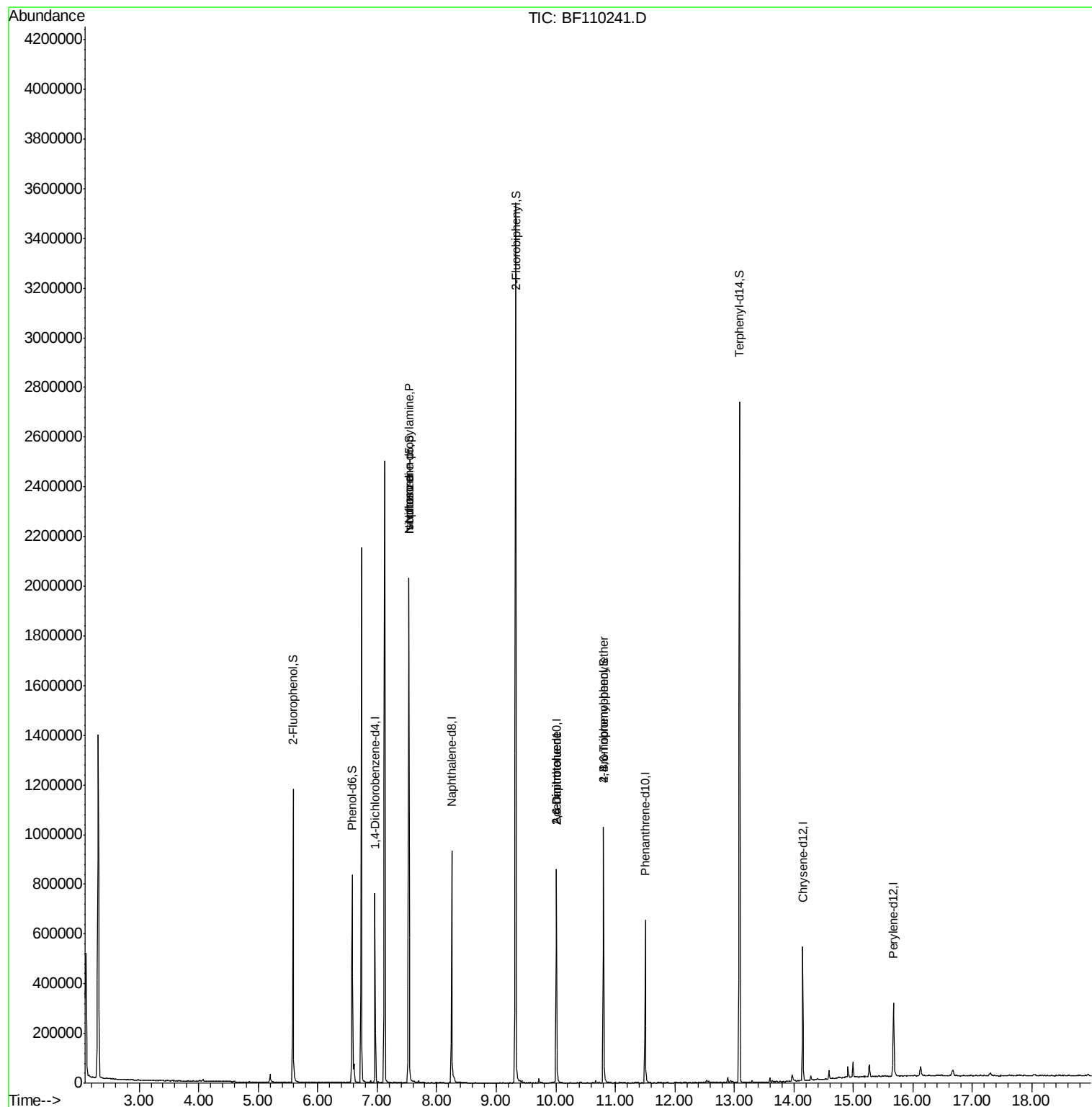
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118165	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	436419	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	170728	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	264640	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	193805	20.00	ng	-0.01
87) Perylene-d12	15.67	264	127878	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	309323	42.63	ng	-0.01
7) Phenol-d6	6.58	99	246751	26.59	ng	-0.02
23) Nitrobenzene-d5	7.53	82	704386	95.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	120870	71.47	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1170659	107.67	ng	-0.01
79) Terphenyl-d14	13.09	244	891701	95.69	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	94205	15.821	ng	# 78
25) Isophorone	7.53	82	704374	56.160	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	21564	7.943	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	21564	6.254	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	7847	2.734	ng	# 1

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

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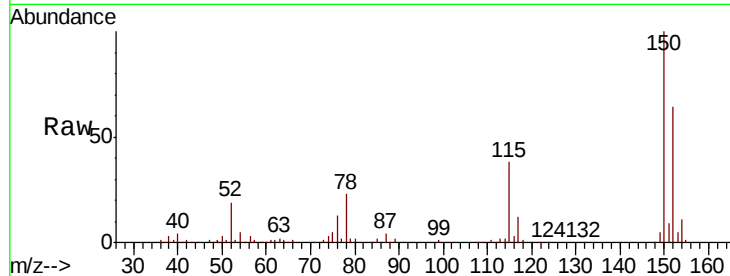




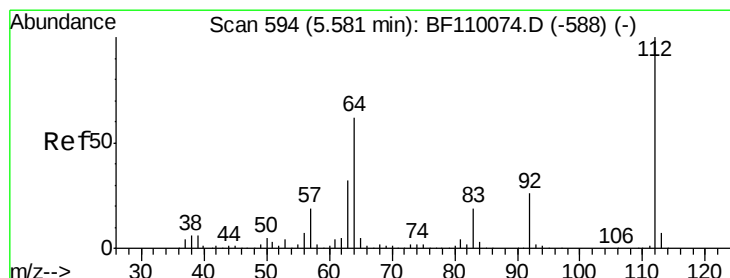
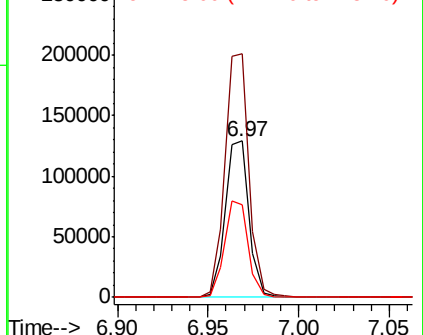
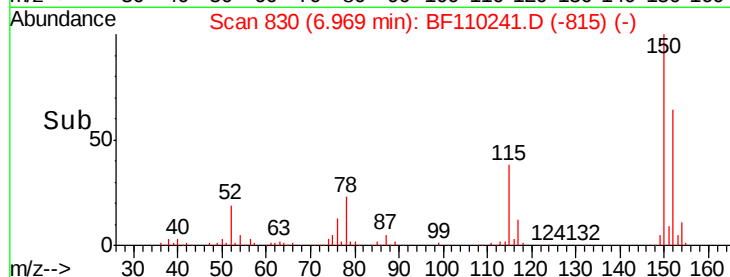
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110241.D
 Acq: 27 Oct 2018 5:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 118165
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.7 184.1
 115 58.9 49.1 73.7

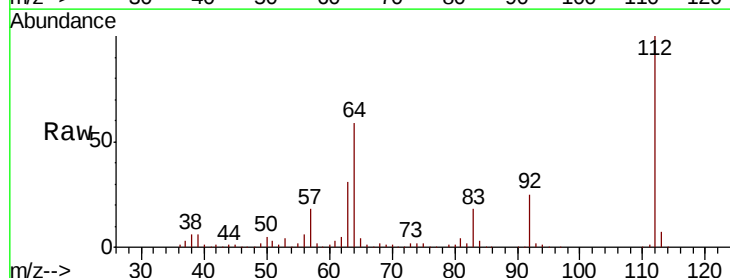


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

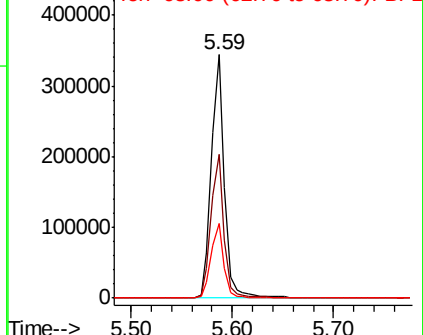
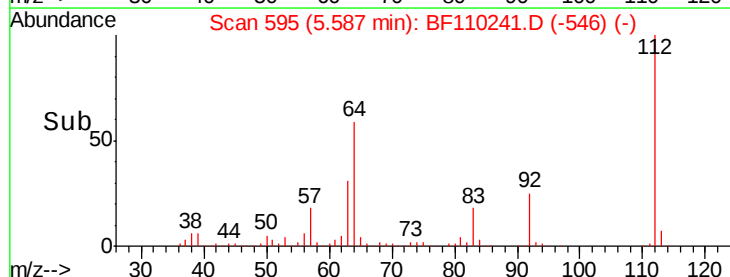


#5
 2-Fluorophenol
 Concen: 42.628 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110241.D
 Acq: 27 Oct 2018 5:33

Tgt Ion:112 Resp: 309323
 Ion Ratio Lower Upper
 112 100
 64 59.0 44.1 66.1
 63 30.6 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: 26.586 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110241.D

Acq: 27 Oct 2018 5:33

Instrument :

BNA_F

ClientSampleId :

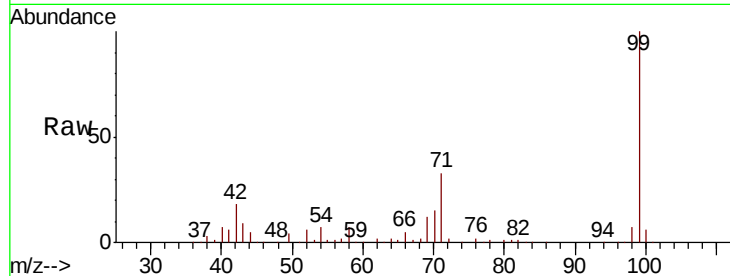
Tot Ion: 99 Resp: 246751

Ion Ratio Lower Upper

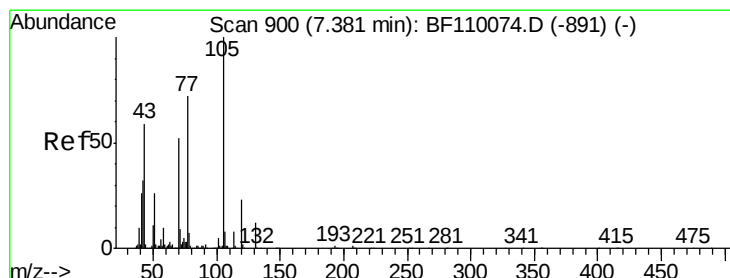
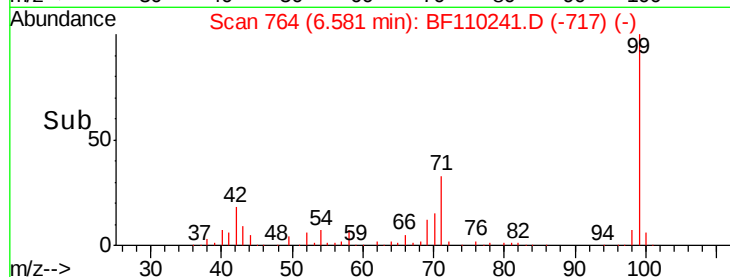
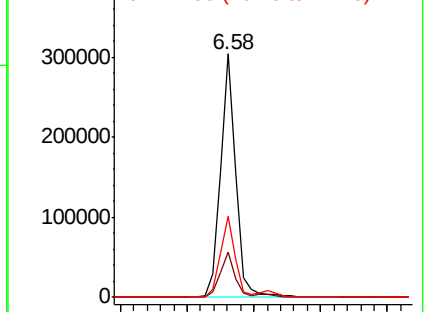
99 100

42 18.4 15.8 23.6

71 33.3 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: 15.821 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110241.D

Acq: 27 Oct 2018 5:33

Tgt Ion: 70 Resp: 94205

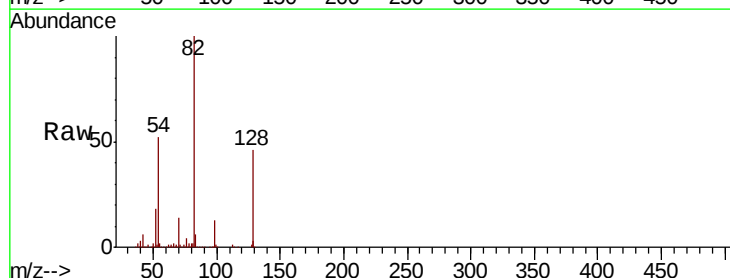
Ion Ratio Lower Upper

70 100

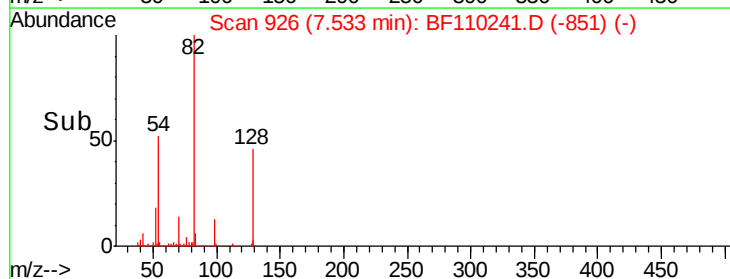
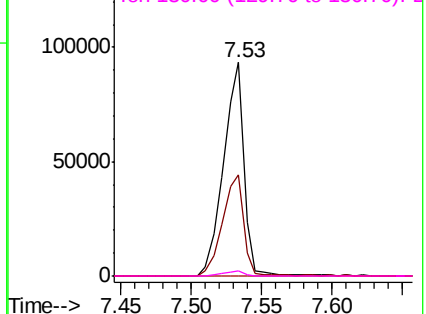
42 47.4 47.4 71.2#

101 0.0 7.3 10.9#

130 2.2 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

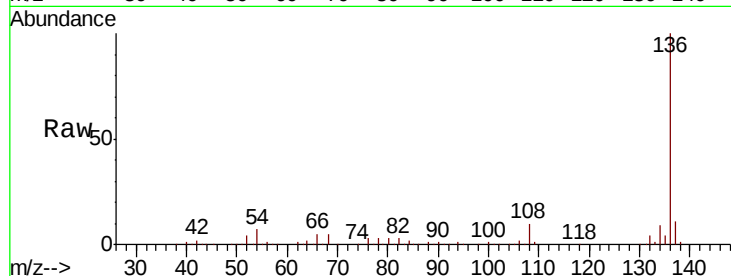




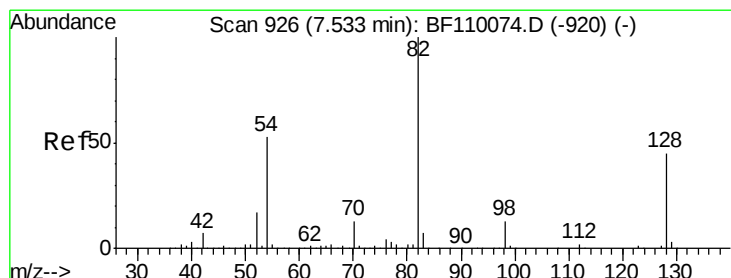
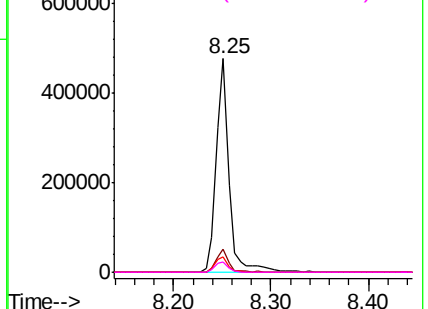
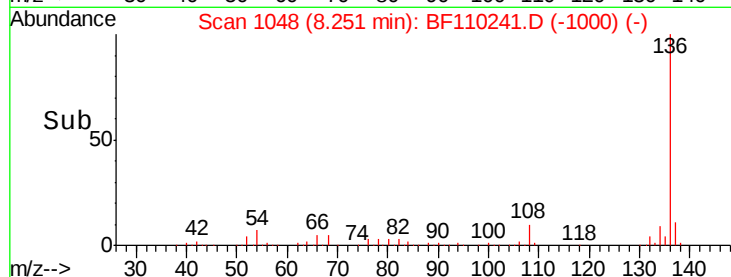
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	436419
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	7.4	5.4 8.2
68	5.1	4.2 6.2

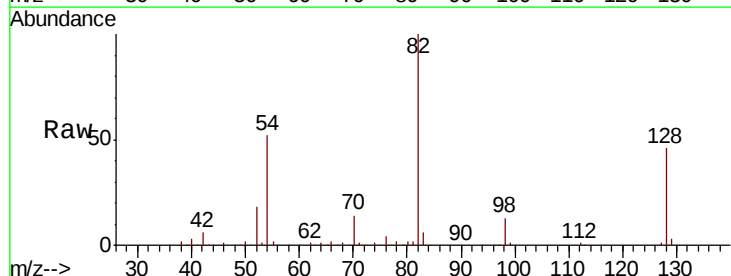


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

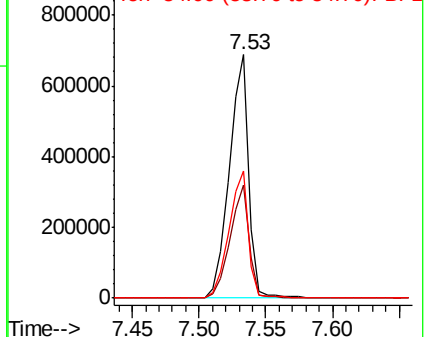
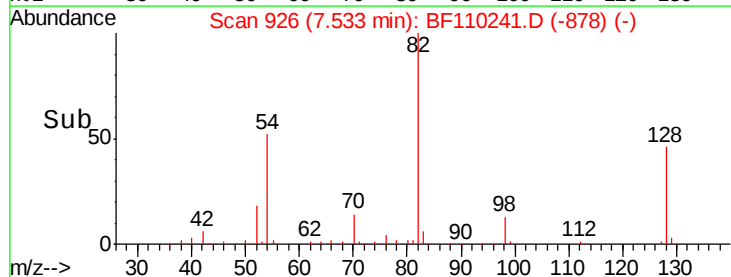


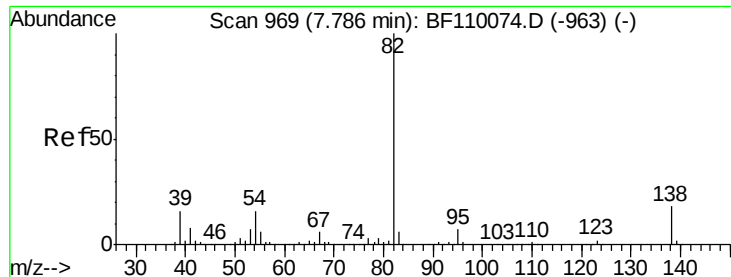
#23
Nitrobenzene-d5
Concen: 95.732 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

Tgt Ion: 82	Resp:	704386
Ion Ratio	Lower	Upper
82	100	
128	46.3	34.2 51.2
54	52.3	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: 56.160 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110241.D

Acq: 27 Oct 2018 5:33

Instrument :

BNA_F

ClientSampled :

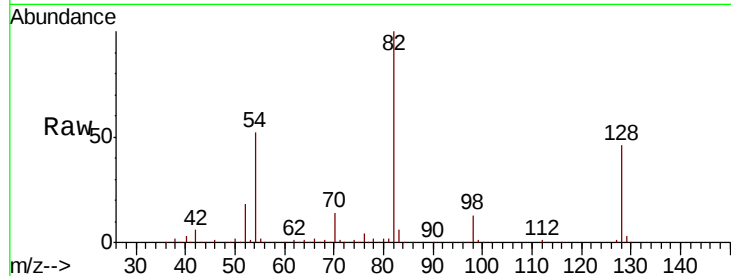
Tot Ion: 82 Resp: 704374

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

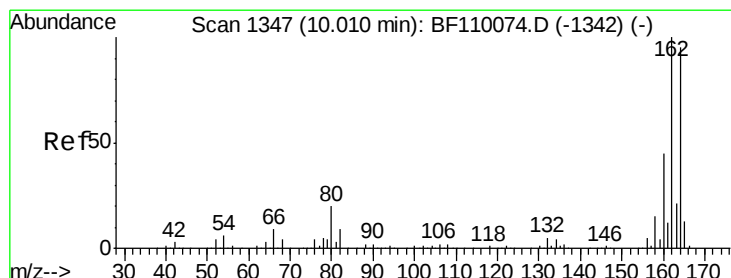
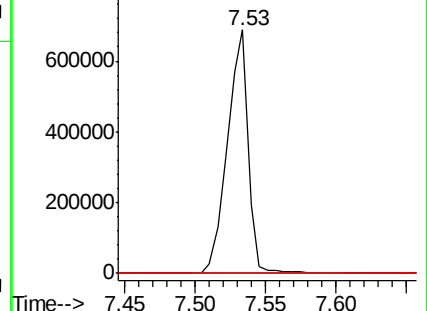
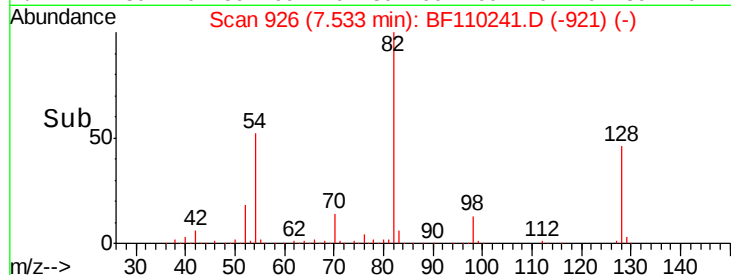
138 0.0 13.2 19.8#



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: BF110241.D

Acq: 27 Oct 2018 5:33

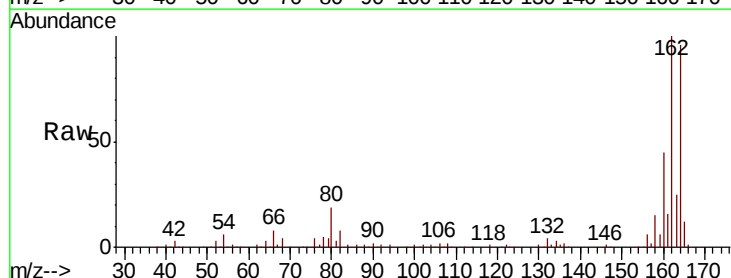
Tgt Ion: 164 Resp: 170728

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.6

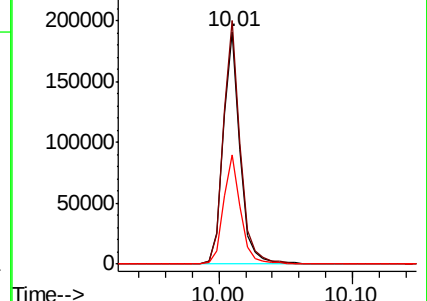
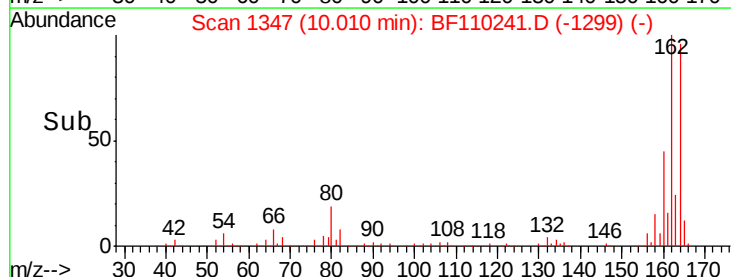
160 46.8 37.0 55.6

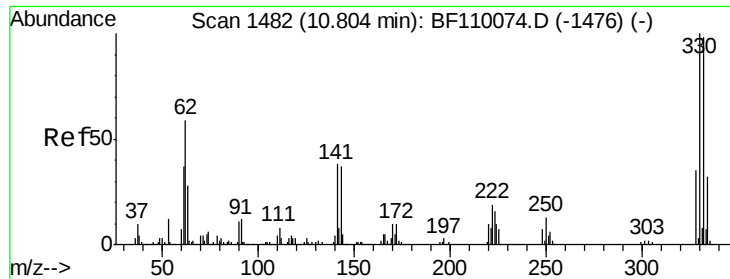


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

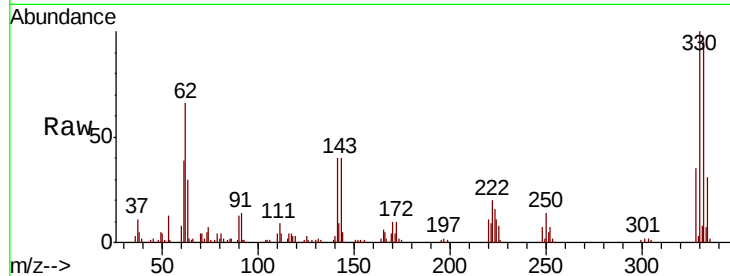




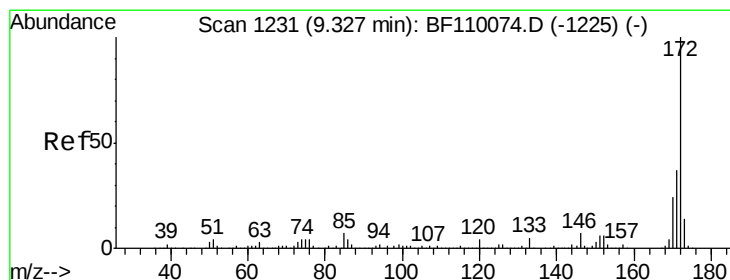
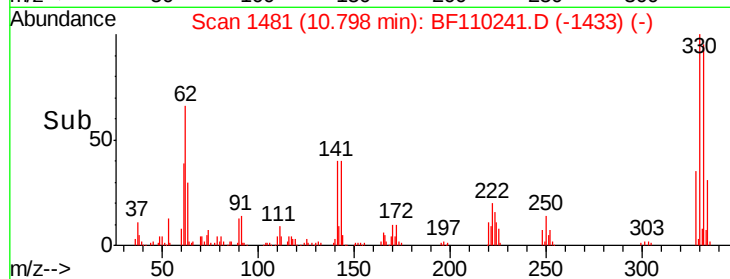
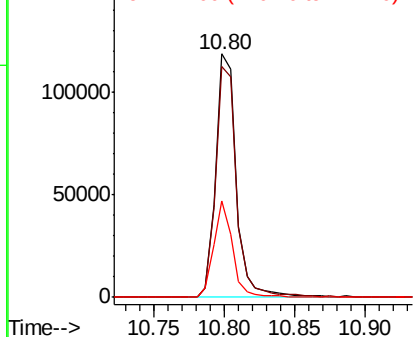
#42
 2,4,6-Tribromophenol
 Concen: 71.471 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110241.D
 Acq: 27 Oct 2018 5:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	36.0	27.0	40.4

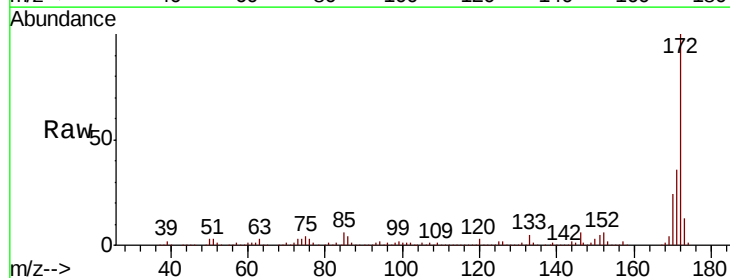


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

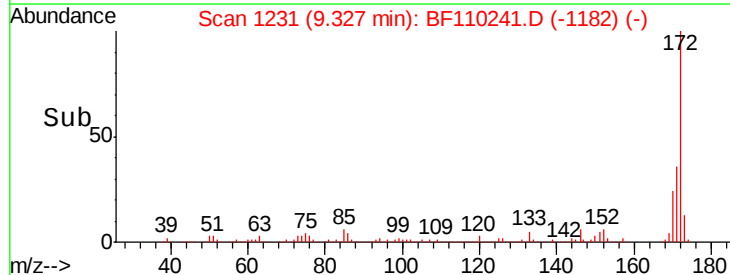
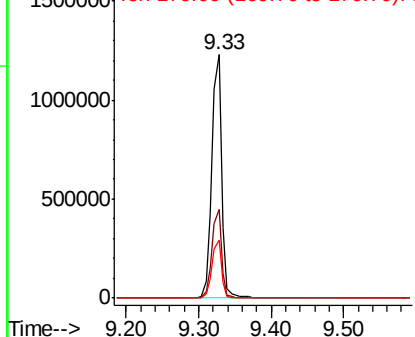


#45
 2-Fluorobiphenyl
 Concen: 107.671 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110241.D
 Acq: 27 Oct 2018 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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

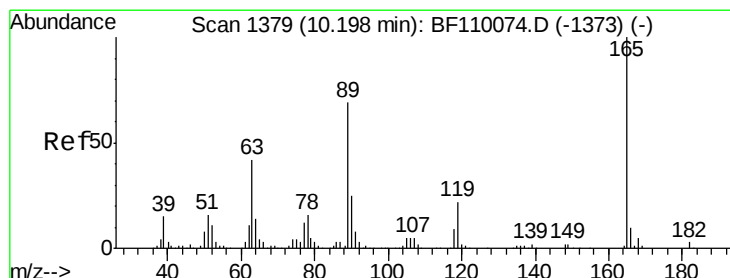
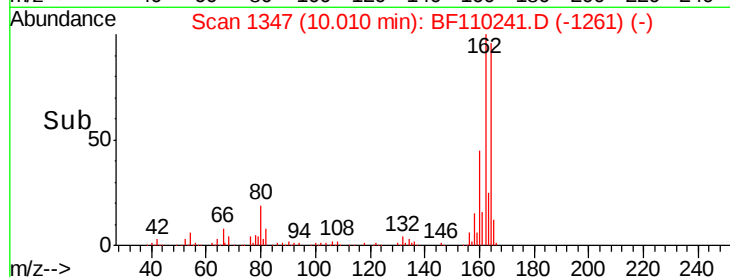
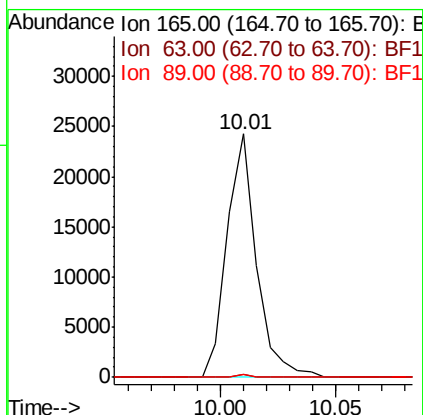
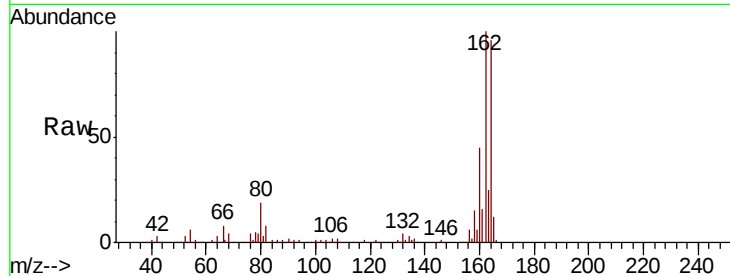




#51
 2,6-Dinitrotoluene
 Concen: 7.943 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF110241.D
 Acq: 27 Oct 2018 5:33

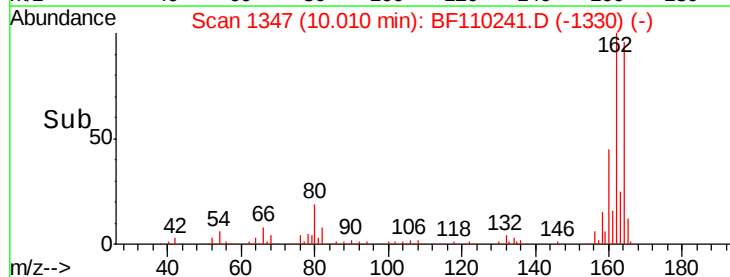
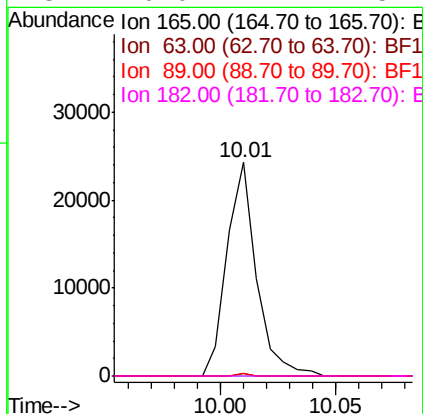
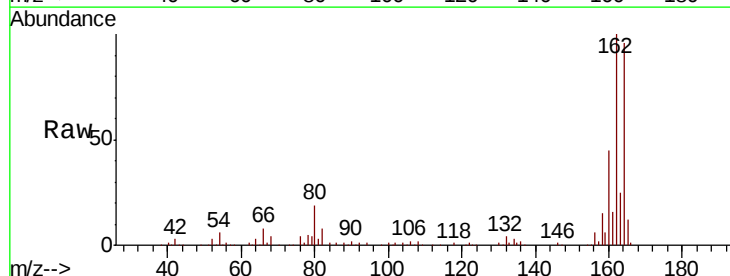
Instrument :
 BNA_F
 ClientSampleId :

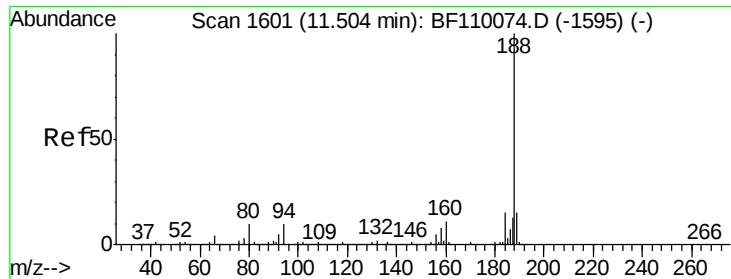
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	1.3	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.254 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.20 min
 Lab File: BF110241.D
 Acq: 27 Oct 2018 5:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#

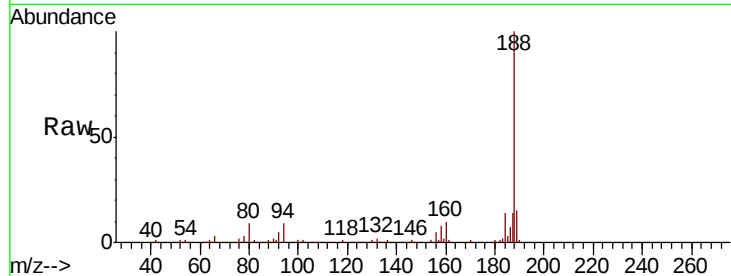




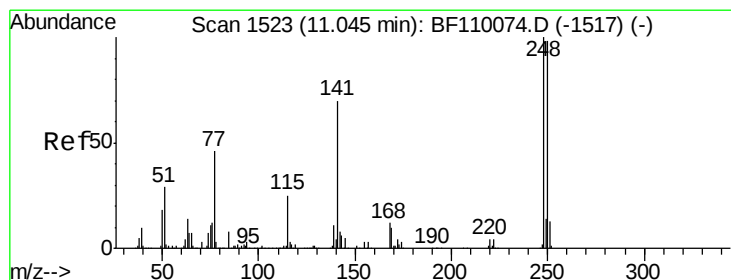
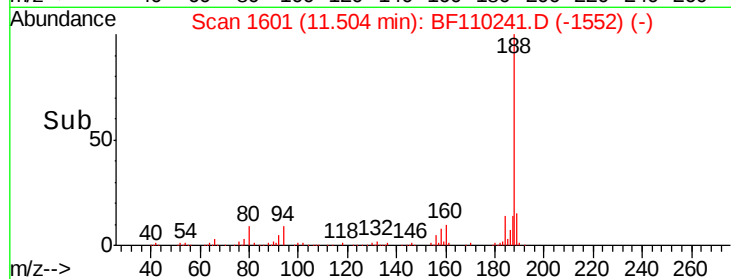
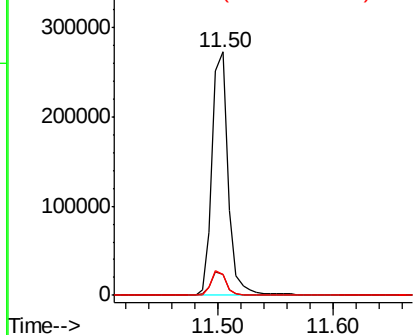
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 264640
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.8 7.9 11.9

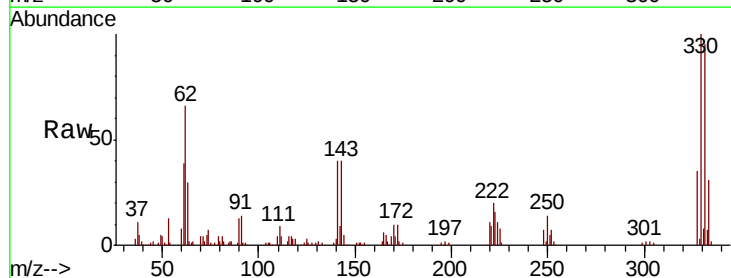


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

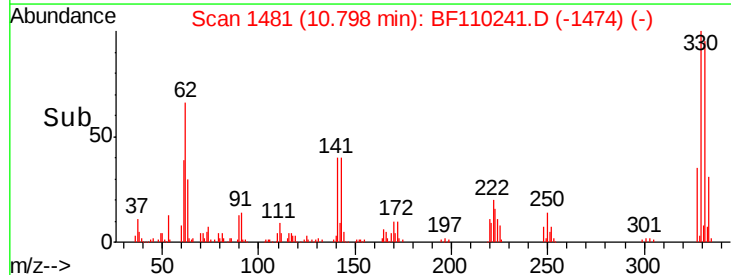
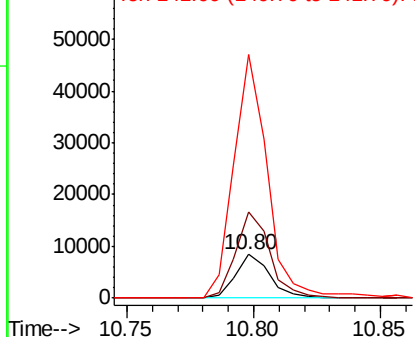


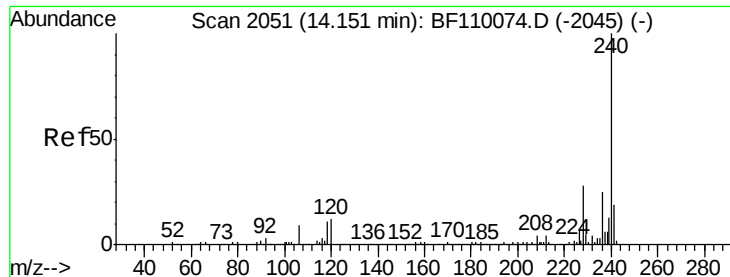
#67
4-Bromophenyl-phenylether
Concen: 2.734 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

Tgt Ion:248 Resp: 7847
Ion Ratio Lower Upper
248 100
250 197.2 79.4 119.2#
141 557.6 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

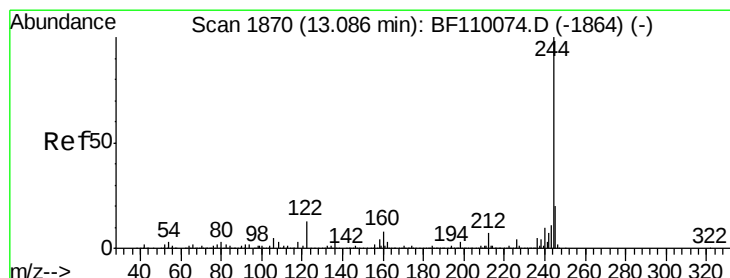
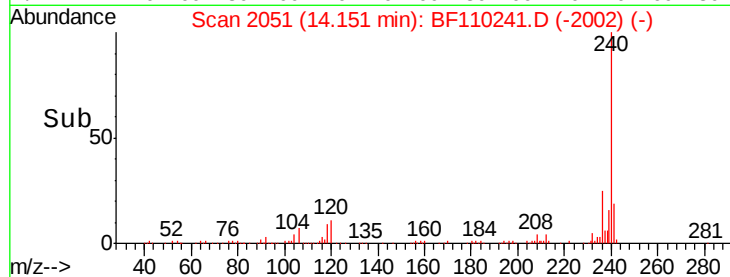
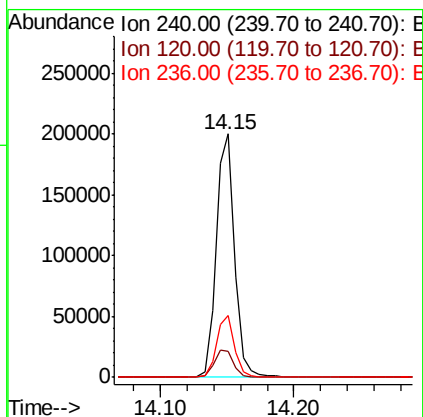
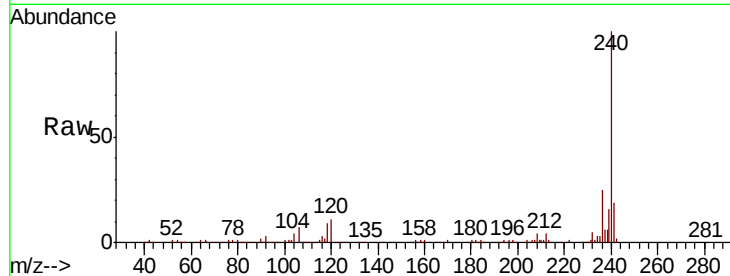




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

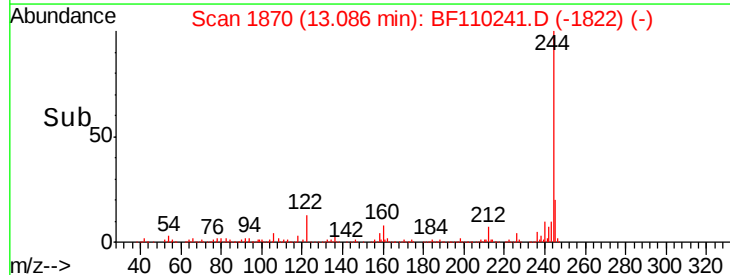
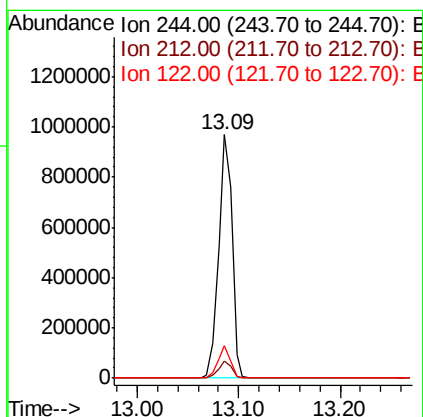
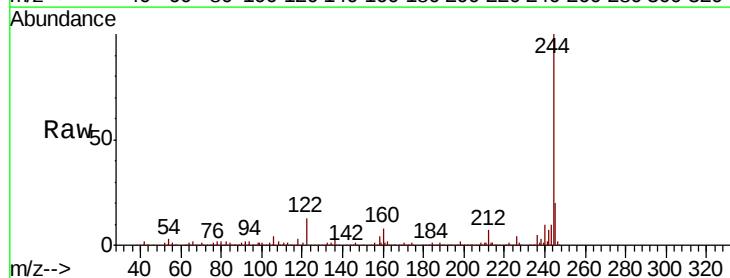
Instrument :
BNA_F
ClientSampleId :

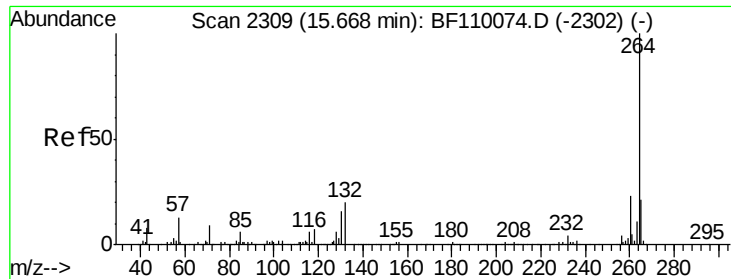
Tot Ion:240 Resp: 193805
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 25.2 21.2 31.8



#79
Terphenyl-d14
Concen: 95.688 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

Tgt Ion:244 Resp: 891701
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 13.5 8.7 13.1#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF110241.D
 Acq: 27 Oct 2018 5:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.1	18.7	28.1	
265	22.0	16.7	25.1	

