

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110238.D
 Acq On : 27 Oct 2018 4:11
 Operator : JU/SJ
 Sample : J5686-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 06:31:30 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

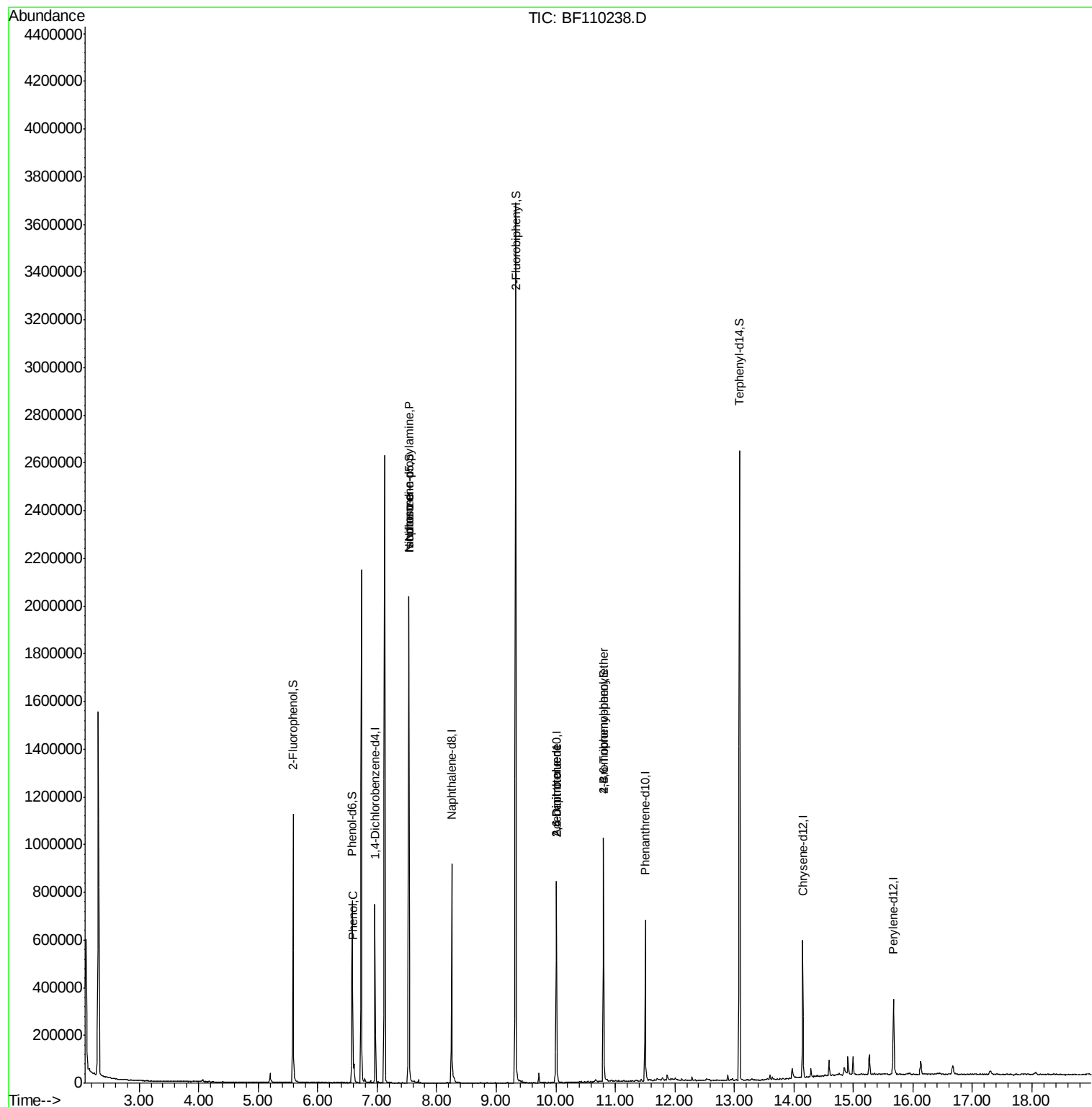
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115056	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	425104	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	167550	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	262524	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	191708	20.00	ng	-0.01
87) Perylene-d12	15.67	264	126604	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	296602	41.98	ng	-0.01
7) Phenol-d6	6.58	99	228056	25.24	ng	-0.02
23) Nitrobenzene-d5	7.53	82	701296	97.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	121742	73.35	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1151144	107.88	ng	-0.01
79) Terphenyl-d14	13.09	244	909607	98.68	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	19759	2.045	ng	# 67
19) n-Nitroso-di-n-propylamine	7.53	70	92905	16.024	ng	# 79
25) Isophorone	7.53	82	701285	57.402	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	21137	7.934	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	21137	6.246	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	7601	2.669	ng	# 1

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

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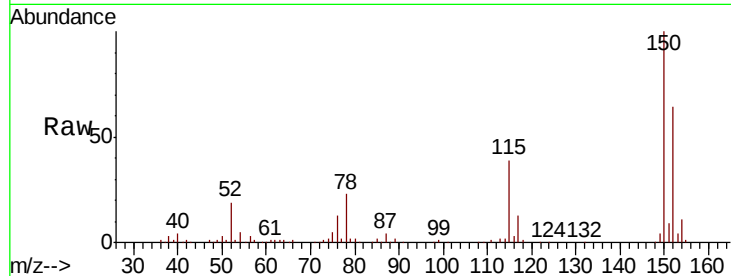




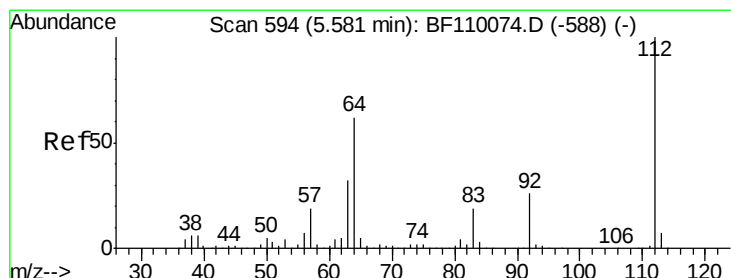
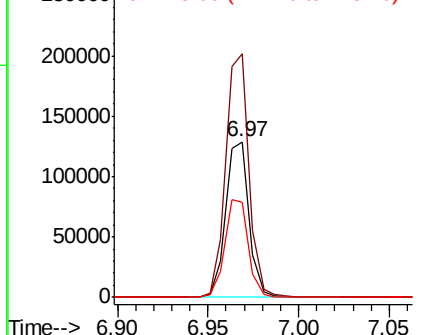
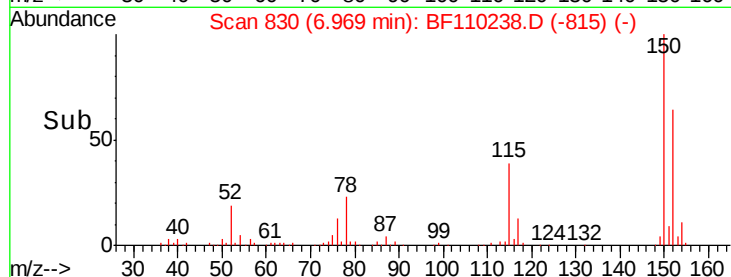
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110238.D
 Acq: 27 Oct 2018 4:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 115056
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.7 184.1
 115 61.0 49.1 73.7

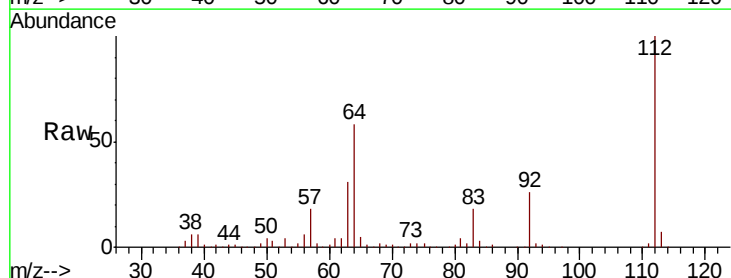


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

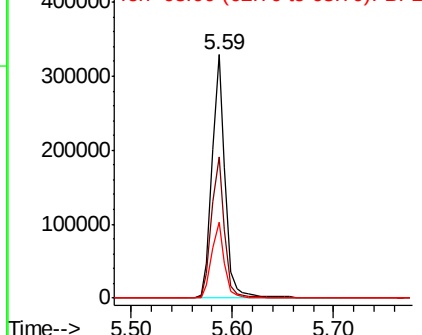
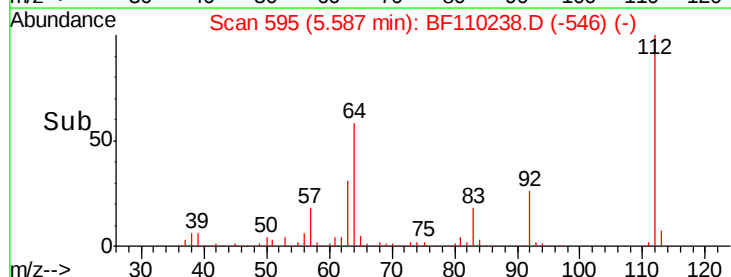


#5
 2-Fluorophenol
 Concen: 41.980 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110238.D
 Acq: 27 Oct 2018 4:11

Tgt Ion:112 Resp: 296602
 Ion Ratio Lower Upper
 112 100
 64 57.8 44.1 66.1
 63 31.1 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: 25.235 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110238.D

Acq: 27 Oct 2018 4:11

Instrument :

BNA_F

ClientSampleId :

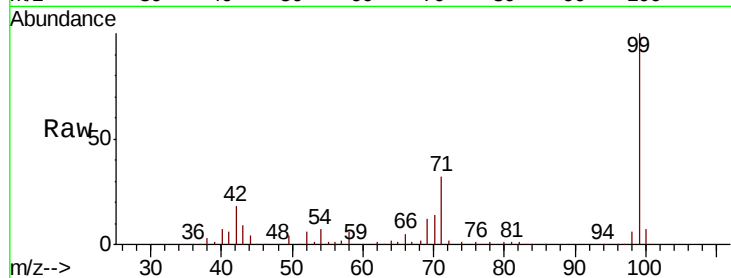
Tot Ion: 99 Resp: 228056

Ion Ratio Lower Upper

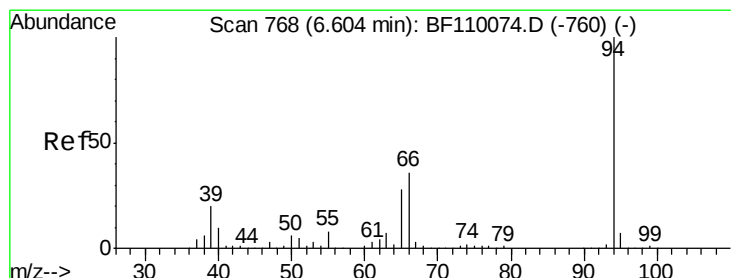
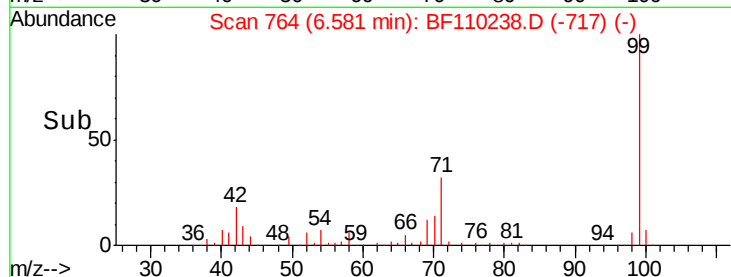
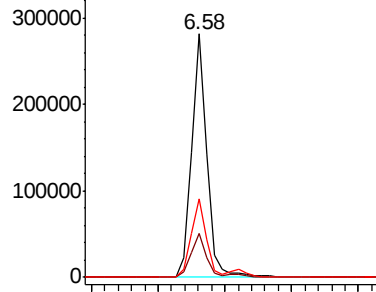
99 100

42 17.8 15.8 23.6

71 32.5 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: 2.045 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110238.D

Acq: 27 Oct 2018 4:11

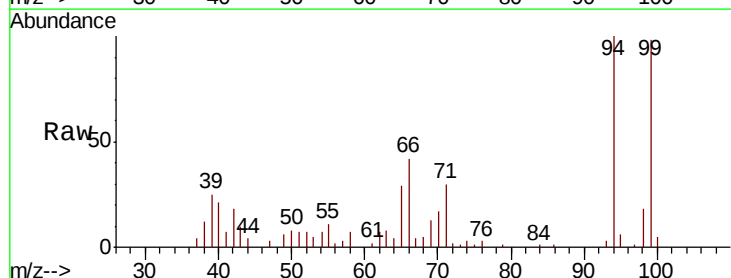
Tgt Ion: 94 Resp: 19759

Ion Ratio Lower Upper

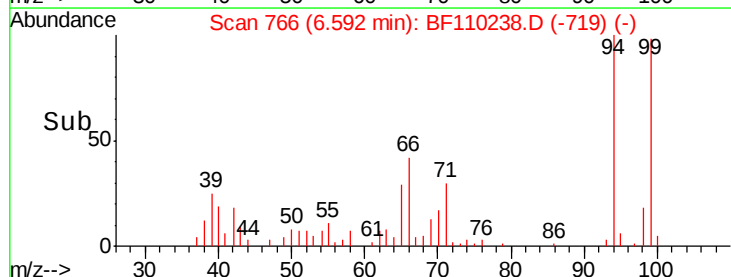
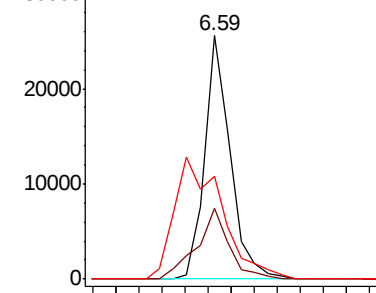
94 100

65 29.2 25.3 65.3

66 42.4 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

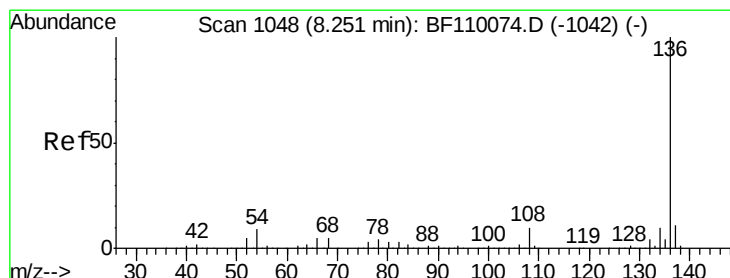
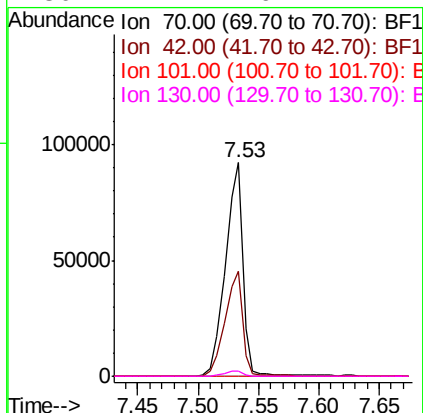
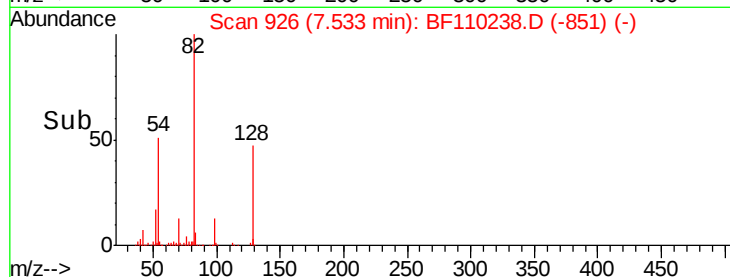
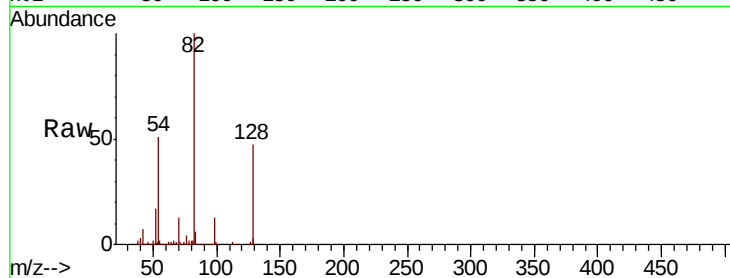




#19
n-Nitroso-di-n-propylamine
Concen: 16.024 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110238.D
Acq: 27 Oct 2018 4:11

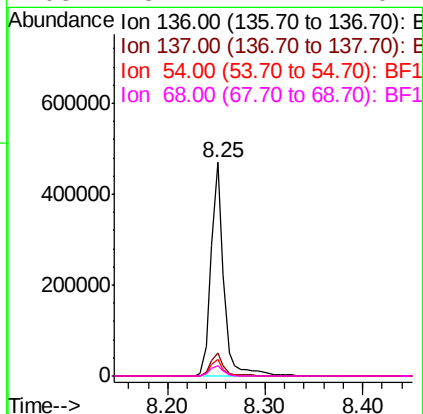
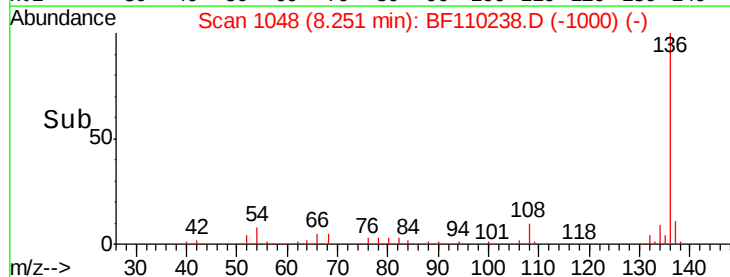
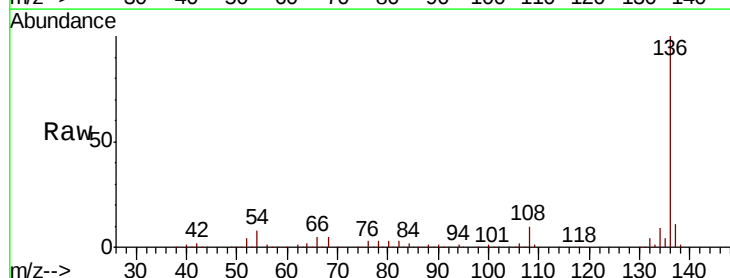
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.1	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: BF110238.D
Acq: 27 Oct 2018 4:11

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.8	5.4	8.2
68	5.1	4.2	6.2

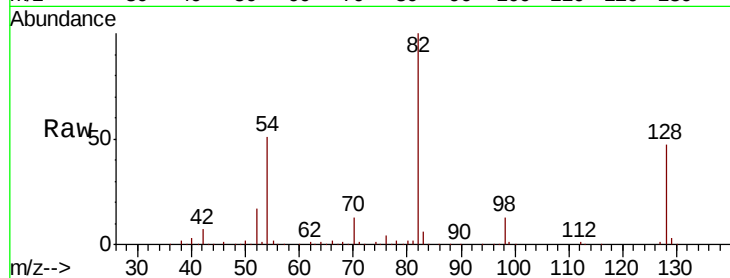




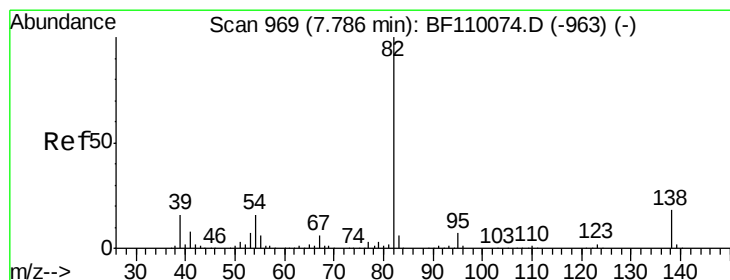
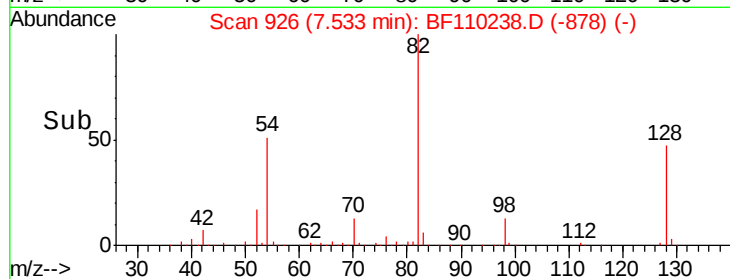
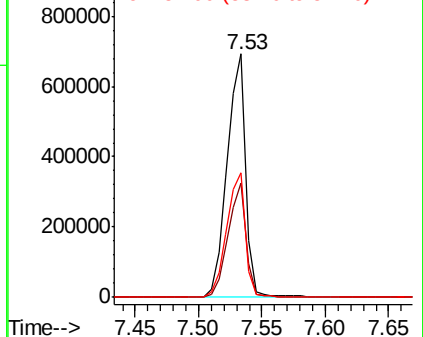
#23
 Nitrobenzene-d5
 Concen: 97.849 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110238.D
 Acq: 27 Oct 2018 4:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	701296
Ion Ratio	100	Lower	Upper
128	47.0	34.2	51.2
54	51.0	38.6	58.0

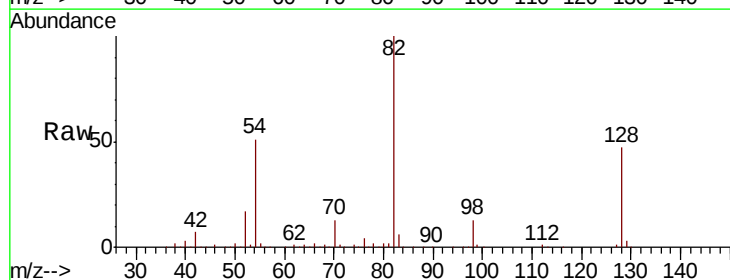


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

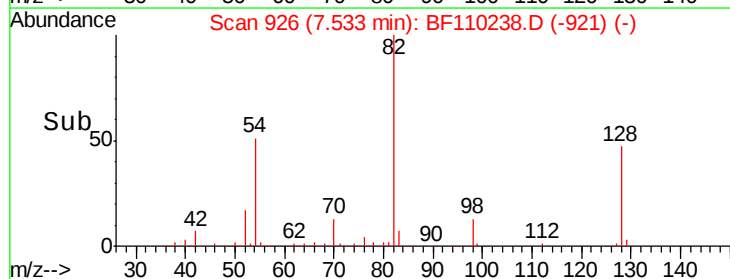
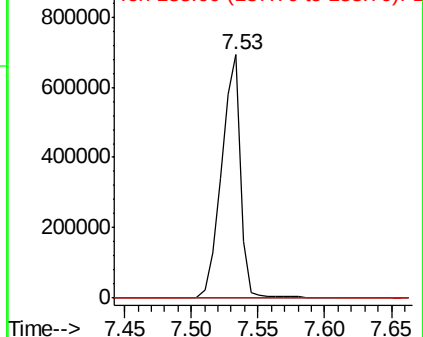


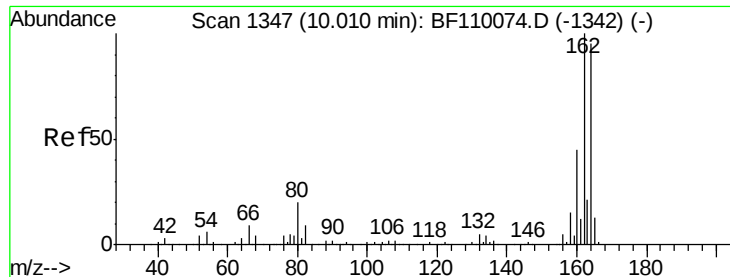
#25
 Isophorone
 Concen: 57.402 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF110238.D
 Acq: 27 Oct 2018 4:11

Tgt Ion	82	Resp	701285
Ion Ratio	100	Lower	Upper
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

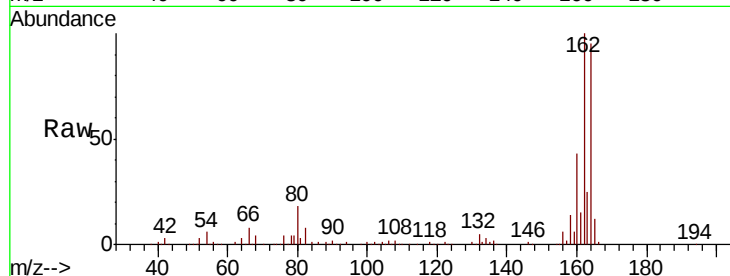




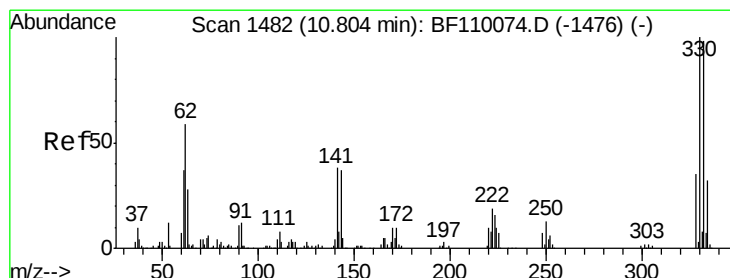
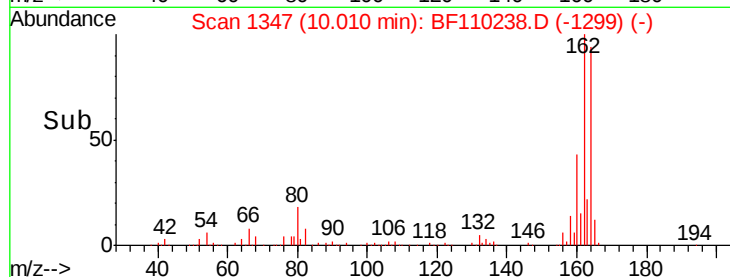
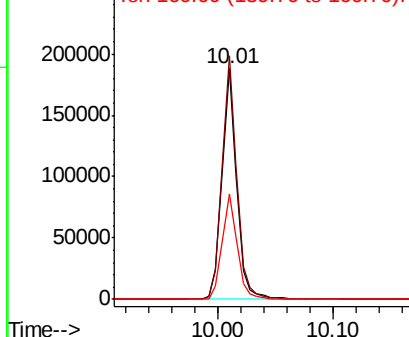
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110238.D
Acq: 27 Oct 2018 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 167550
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.6
160 45.6 37.0 55.6

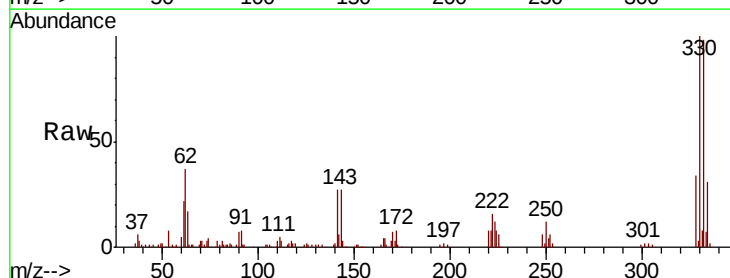


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

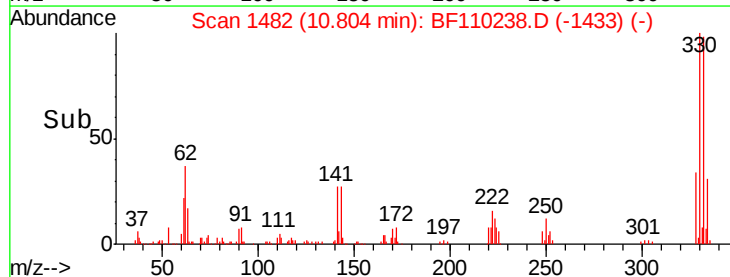
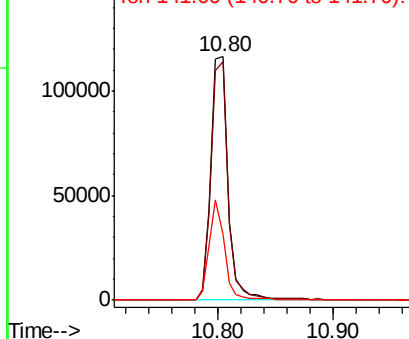


#42
2,4,6-Tribromophenol
Concen: 73.352 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110238.D
Acq: 27 Oct 2018 4:11

Tgt Ion:330 Resp: 121742
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 36.7 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



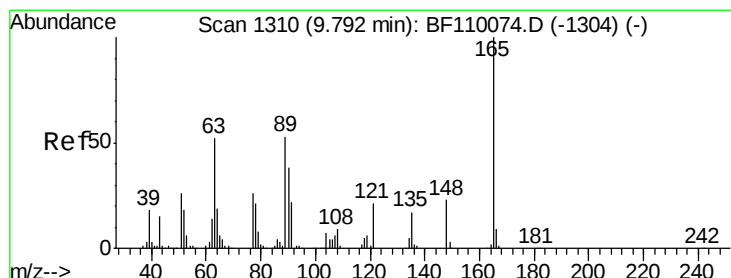
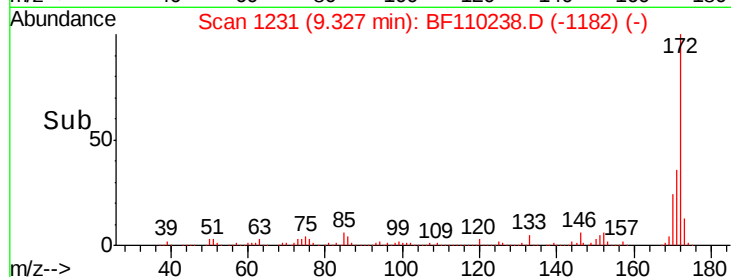
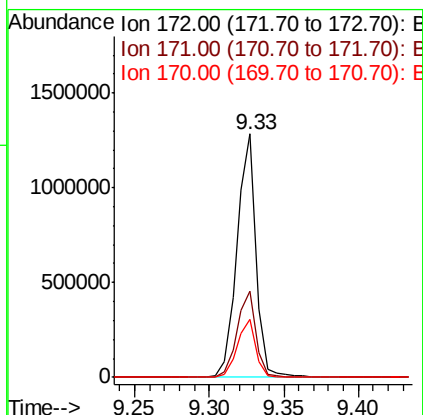
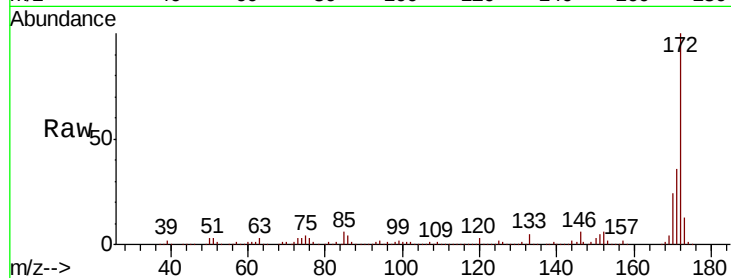


#45
 2-Fluorobiphenyl
 Concen: 107.884 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110238.D
 Acq: 27 Oct 2018 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1151144

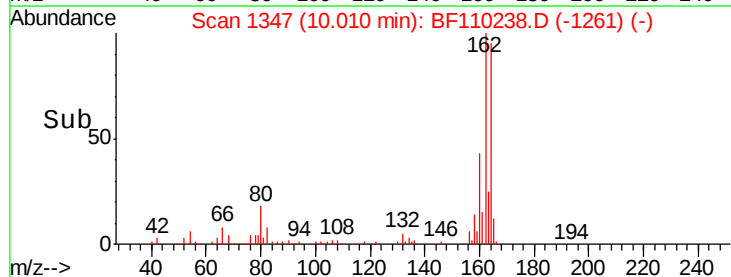
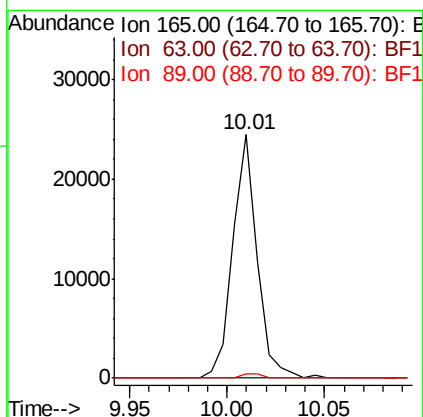
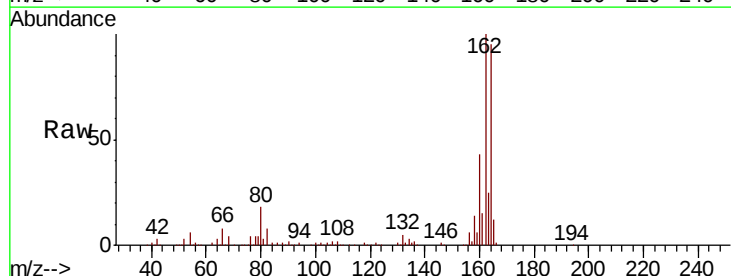
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.7	19.7	29.5

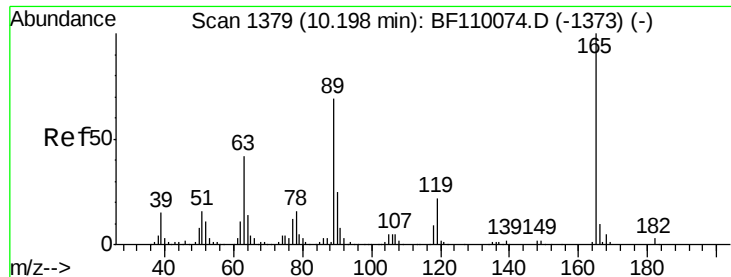


#51
 2,6-Dinitrotoluene
 Concen: 7.934 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF110238.D
 Acq: 27 Oct 2018 4:11

Tgt Ion:165 Resp: 21137

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.7	46.6	69.8#

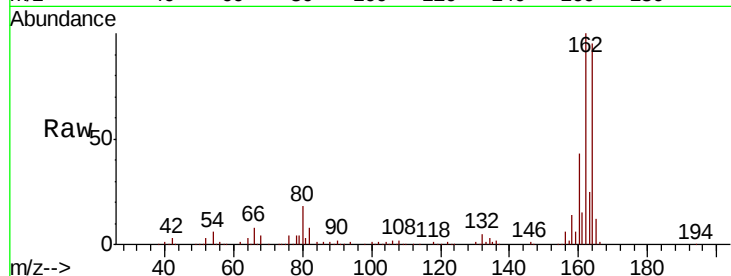




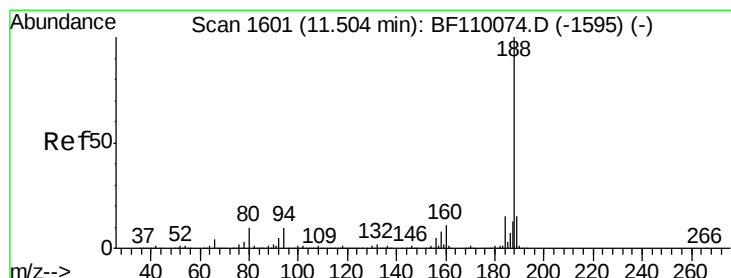
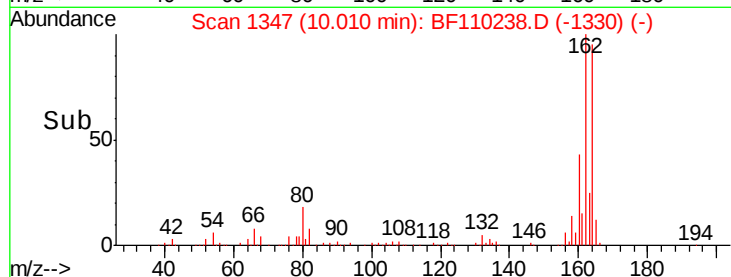
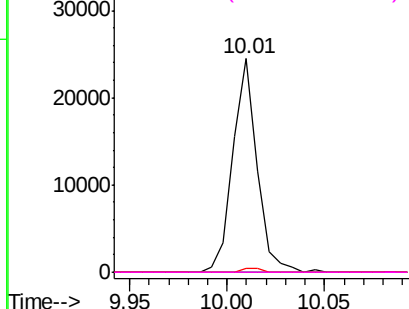
#57
2,4-Dinitrotoluene
Concen: 6.246 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110238.D
Acq: 27 Oct 2018 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	21137
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	1.7	62.2 93.4#
182	0.0	2.1 3.1#

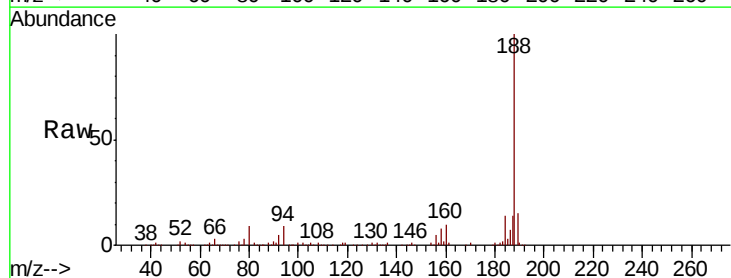


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

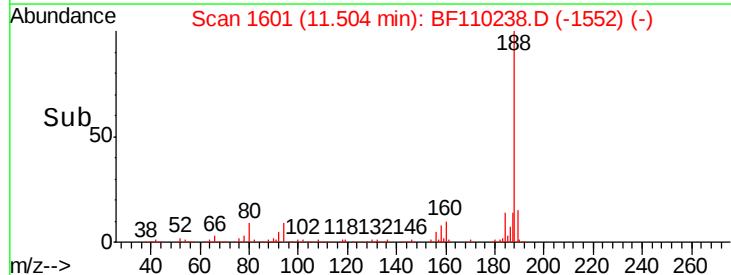
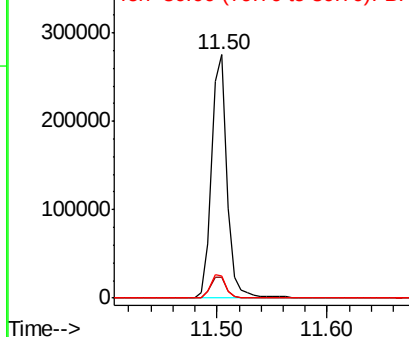


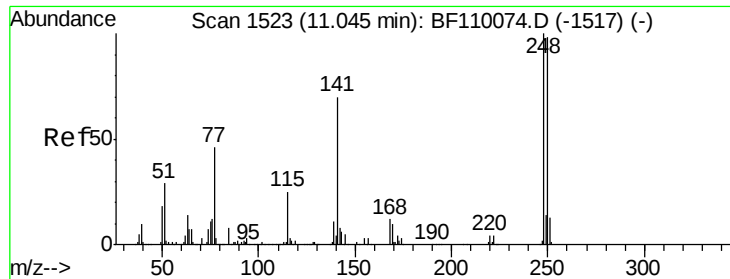
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110238.D
Acq: 27 Oct 2018 4:11

Tgt Ion:188	Resp:	262524
Ion Ratio	Lower	Upper
188	100	
94	8.7	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

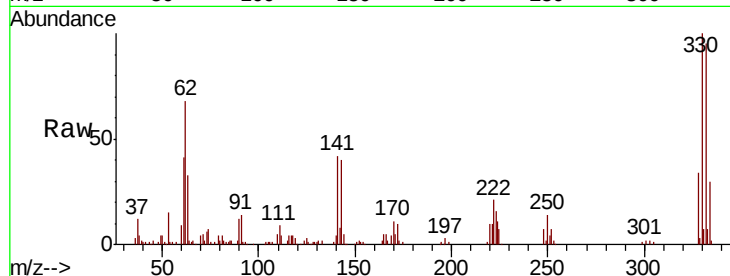




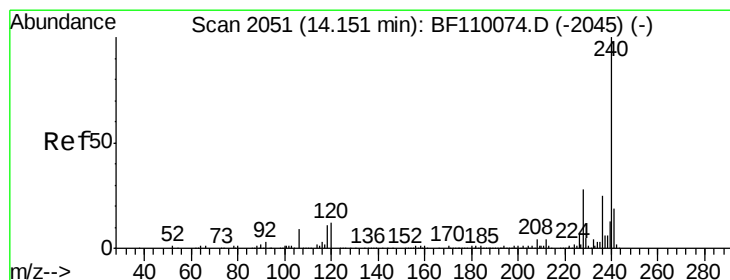
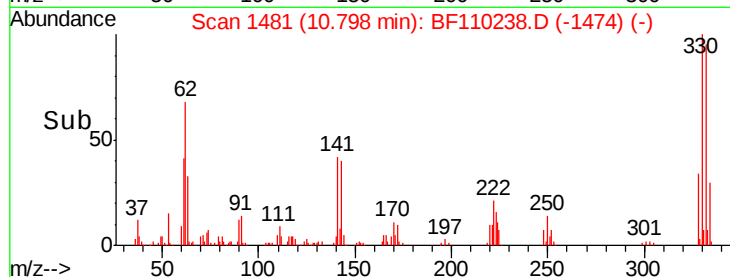
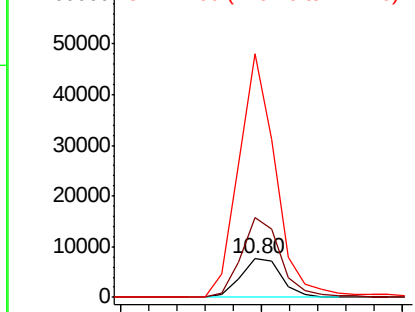
#67
 4-Bromophenyl-phenylether
 Concen: 2.669 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.26 min
 Lab File: BF110238.D
 Acq: 27 Oct 2018 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7601
 Ion Ratio Lower Upper
 248 100
 250 205.7 79.4 119.2#
 141 631.3 55.9 83.9#

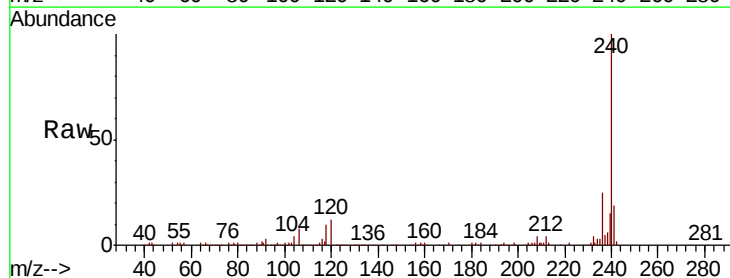


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

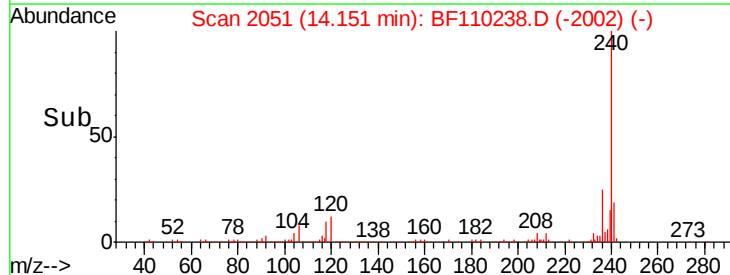
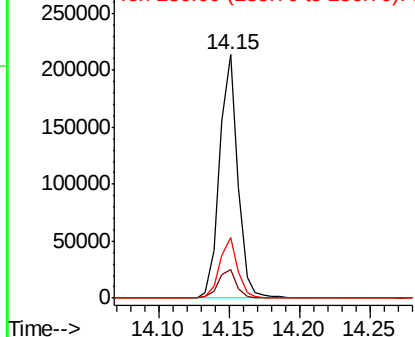


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110238.D
 Acq: 27 Oct 2018 4:11

Tgt Ion:240 Resp: 191708
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.3 12.5
 236 24.8 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

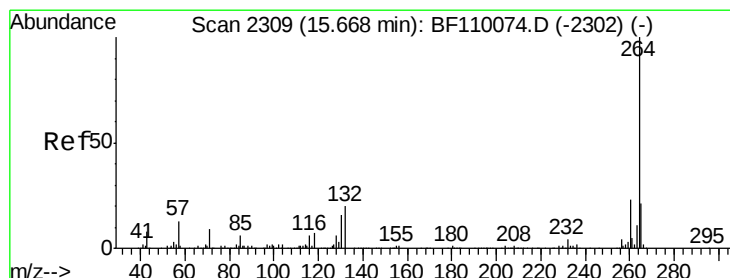
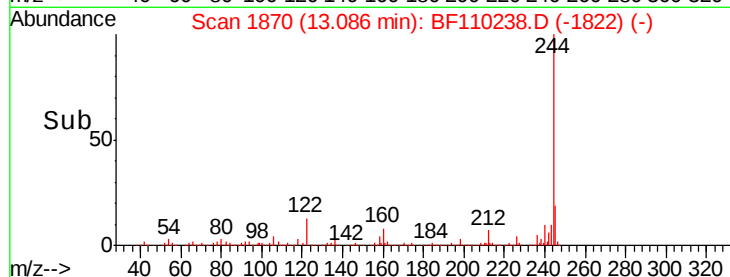
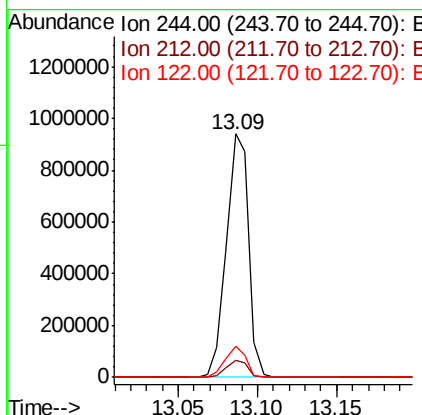
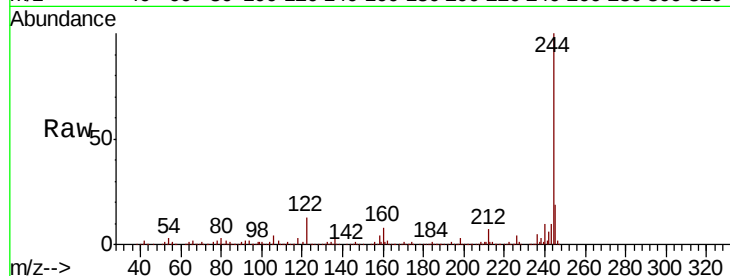




#79
 Terphenyl-d14
 Concen: 98.677 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110238.D
 Acq: 27 Oct 2018 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 909607
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.0 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF110238.D
 Acq: 27 Oct 2018 4:11

Tgt Ion:264 Resp: 126604
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.8 16.7 25.1

