

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110343.D
 Acq On : 31 Oct 2018 19:59
 Operator : JU/SJ
 Sample : J5730-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 03:44:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

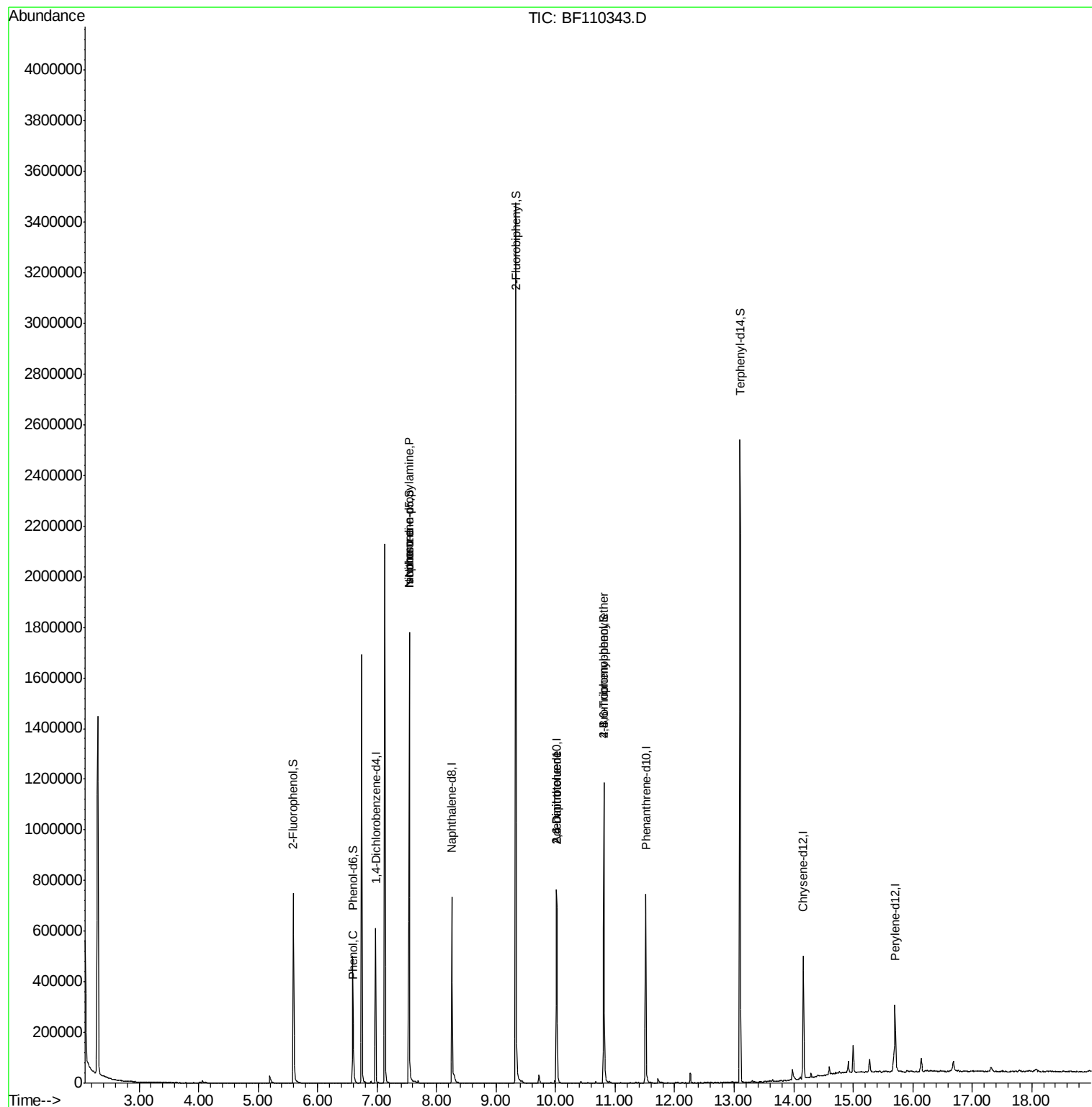
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	90717	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	369128	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	170962	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	306416	20.00	ng	0.00
76) Chrysene-d12	14.16	240	180869	20.00	ng	0.00
87) Perylene-d12	15.70	264	139590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	216934	38.94	ng	0.00
7) Phenol-d6	6.59	99	167856	23.56	ng	-0.01
23) Nitrobenzene-d5	7.54	82	581284	93.40	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	144638	85.41	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1085512	99.70	ng	0.00
79) Terphenyl-d14	13.10	244	901302	103.64	ng	0.00
Target Compounds						
10) Phenol	6.60	94	22013	2.890	ng	# 71
19) n-Nitroso-di-n-propylamine	7.54	70	77788	17.017	ng	# 79
25) Isophorone	7.54	82	581274	54.794	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	21412	7.877	ng	# 22
57) 2,4-Dinitrotoluene	10.02	165	21412	6.201	ng	# 18
67) 4-Bromophenyl-phenylether	10.81	248	8838	2.659	ng	# 1

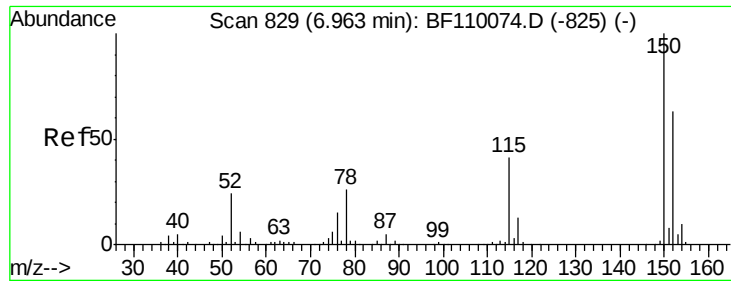
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110343.D
Acq On : 31 Oct 2018 19:59
Operator : JU/SJ
Sample : J5730-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 03:44:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 31 14:18:16 2018
Response via : Initial Calibration



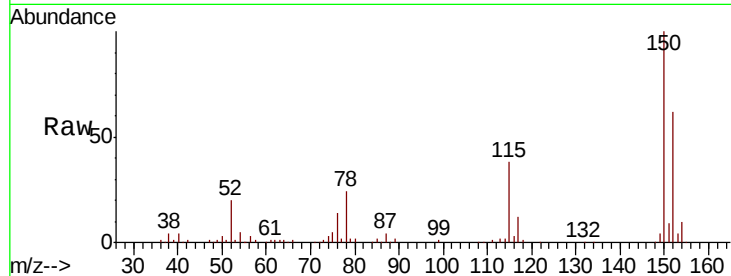


#1

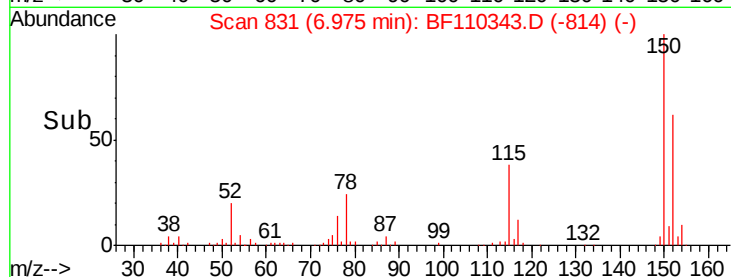
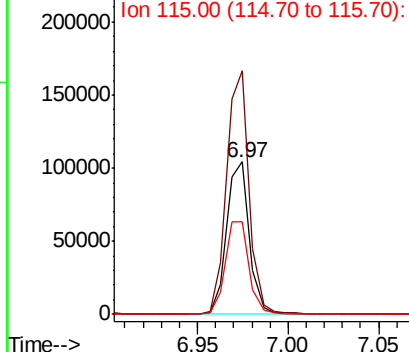
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF110343.D
Acq: 31 Oct 2018 19:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90717
Ion Ratio Lower Upper
152 100
150 160.0 122.7 184.1
115 60.7 49.1 73.7



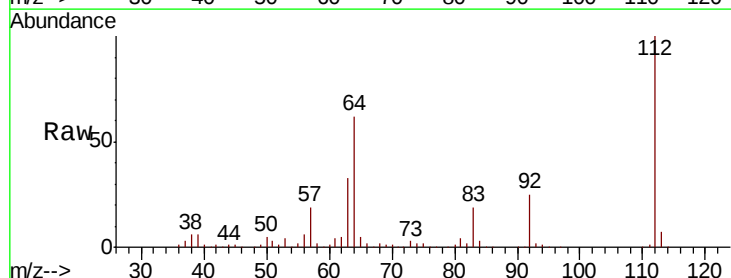
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



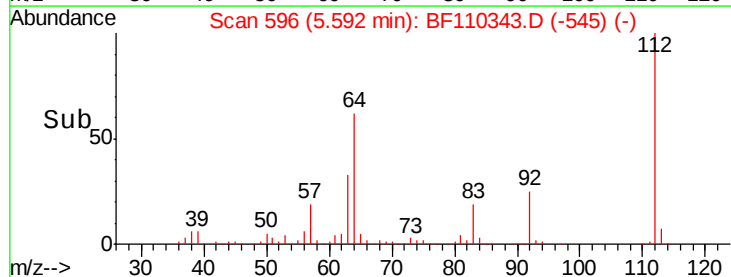
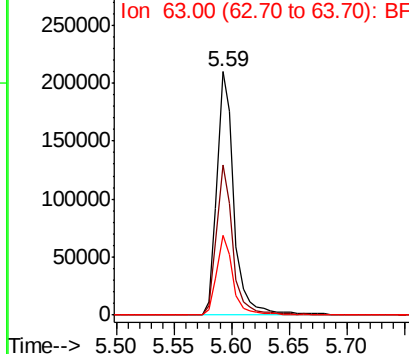
#5

2-Fluorophenol
Concen: 38.942 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF110343.D
Acq: 31 Oct 2018 19:59

Tgt Ion:112 Resp: 216934
Ion Ratio Lower Upper
112 100
64 61.9 44.1 66.1
63 32.6 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: 23.557 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

Instrument :

BNA_F

ClientSampled :

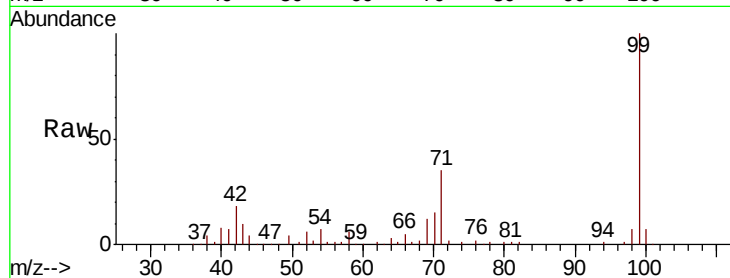
Tot Ion: 99 Resp: 167856

Ion Ratio Lower Upper

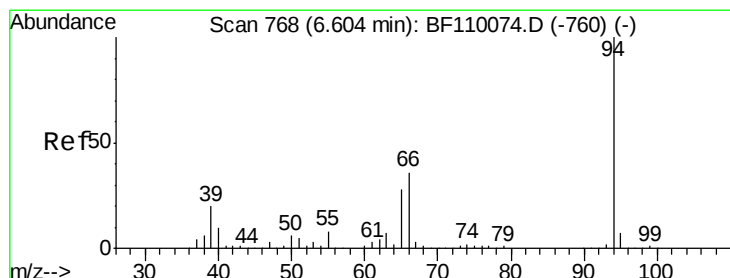
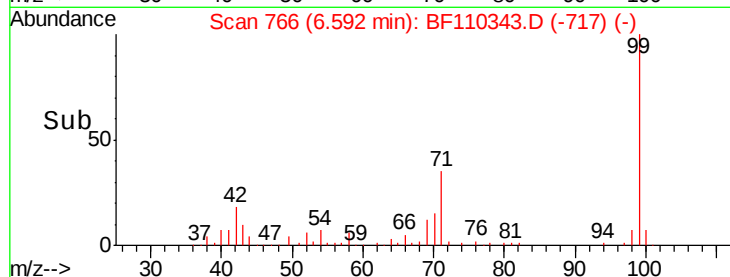
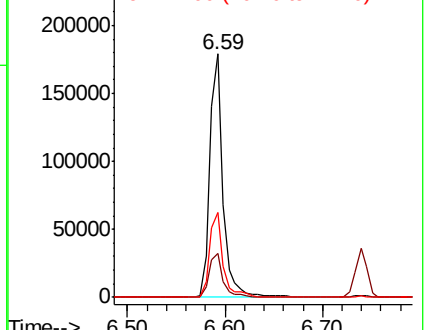
99 100

42 18.1 15.8 23.6

71 34.6 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: 2.890 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

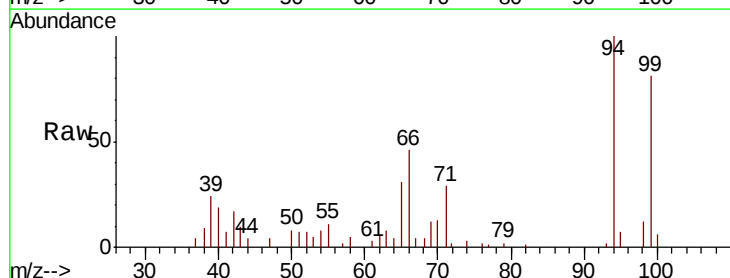
Tgt Ion: 94 Resp: 22013

Ion Ratio Lower Upper

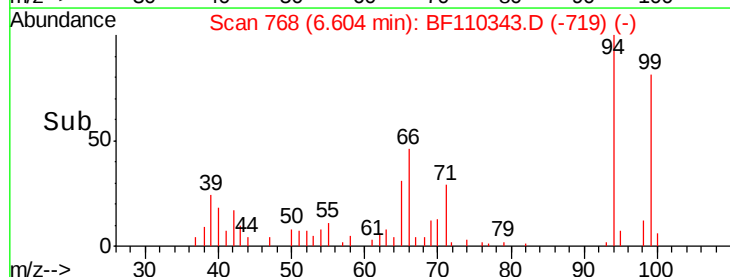
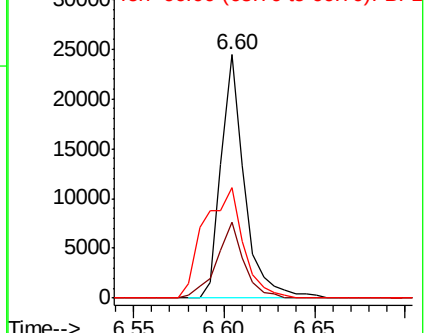
94 100

65 31.2 25.3 65.3

66 45.5 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

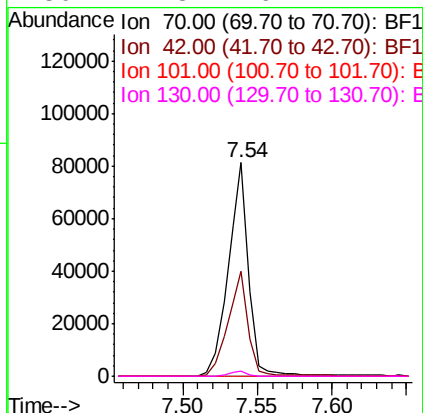
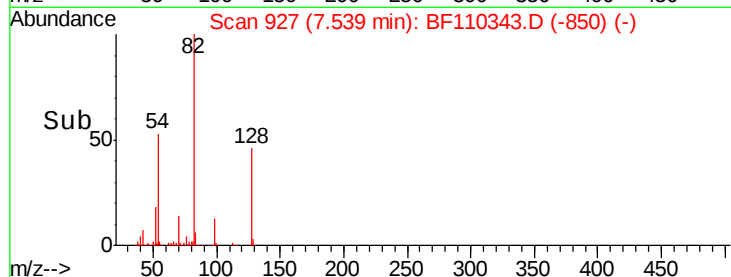
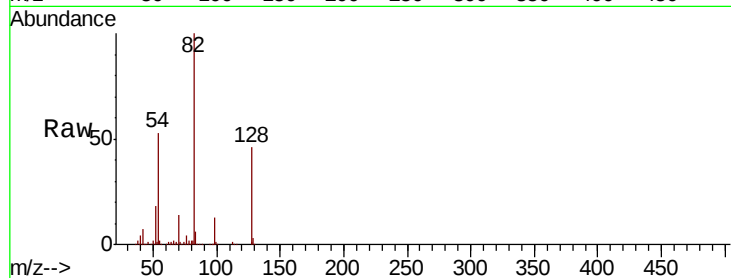




#19
n-Nitroso-di-n-propylamine
Concen: 17.017 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF110343.D
Acq: 31 Oct 2018 19:59

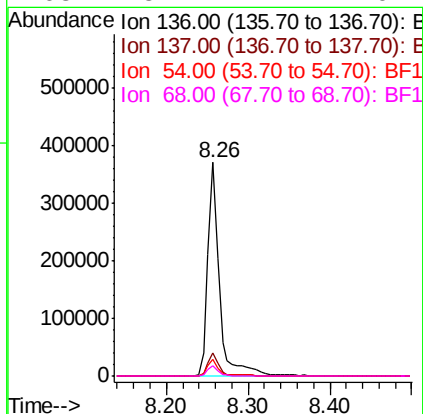
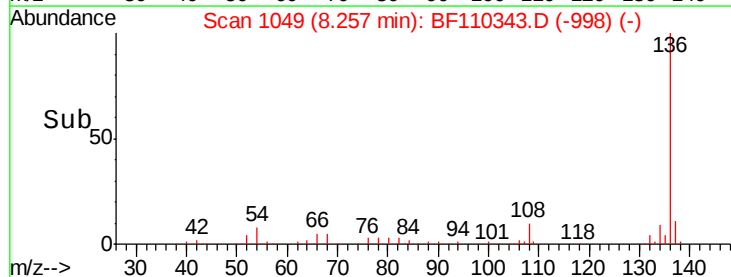
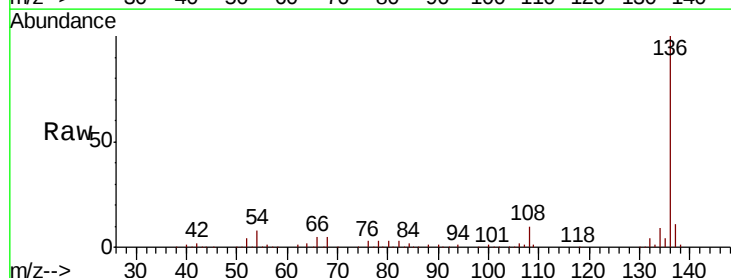
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 77788
Ion Ratio Lower Upper
70 100
42 49.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF110343.D
Acq: 31 Oct 2018 19:59

Tgt Ion:136 Resp: 369128
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 5.4 8.2
68 5.1 4.2 6.2

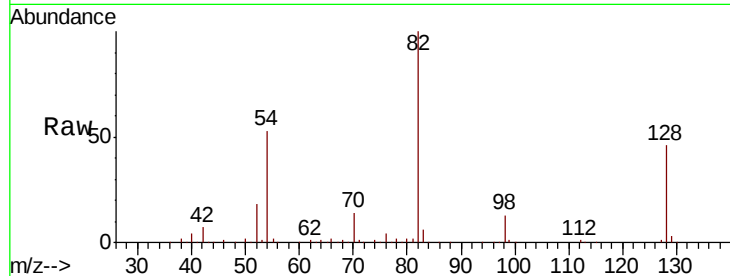




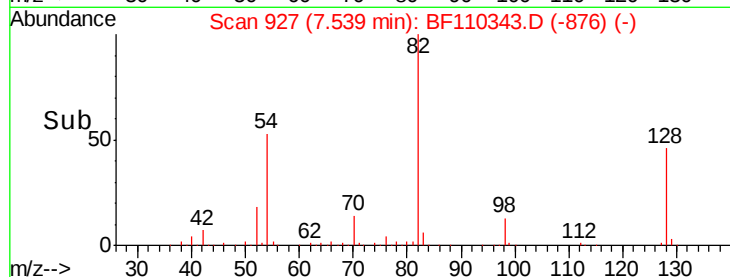
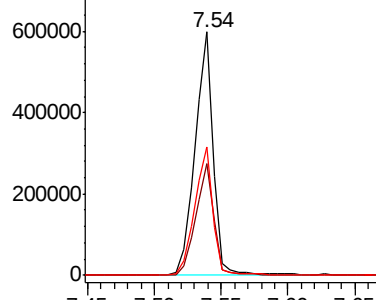
#23
Nitrobenzene-d5
Concen: 93.403 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF110343.D
Acq: 31 Oct 2018 19:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	581284
Ion Ratio	100	Lower	Upper
128	45.9	34.2	51.2
54	52.9	38.6	58.0

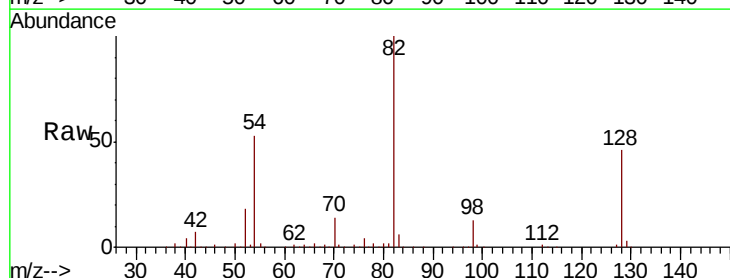


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

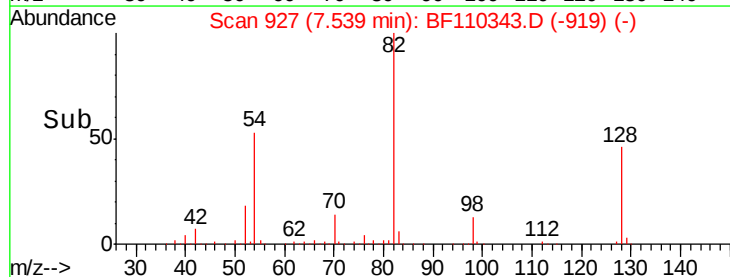
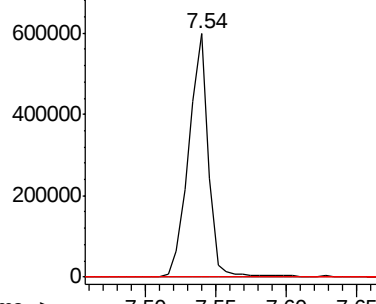


#25
Isophorone
Concen: 54.794 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF110343.D
Acq: 31 Oct 2018 19:59

Tgt Ion	82	Resp	581274
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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

Instrument :

BNA_F

ClientSampled :

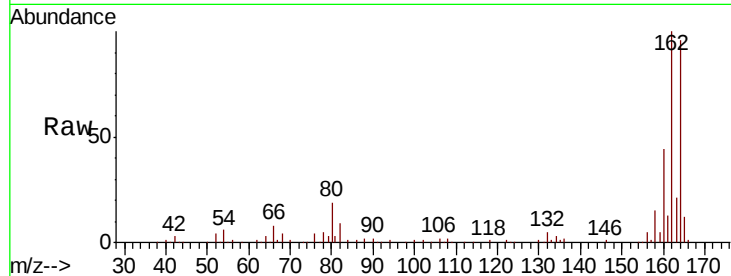
Tot Ion:164 Resp: 170962

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

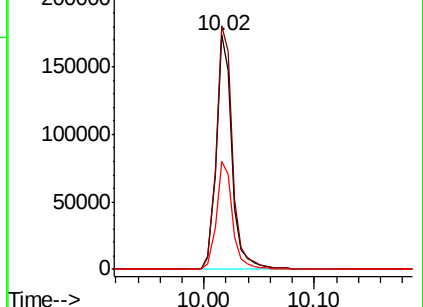
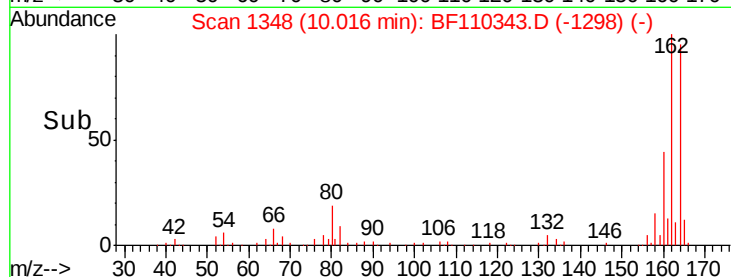
160 46.0 37.0 55.6



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: 85.408 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

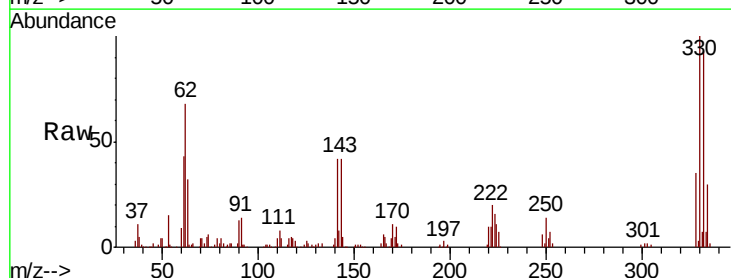
Tgt Ion:330 Resp: 144638

Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

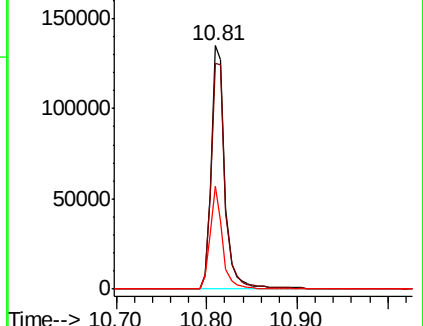
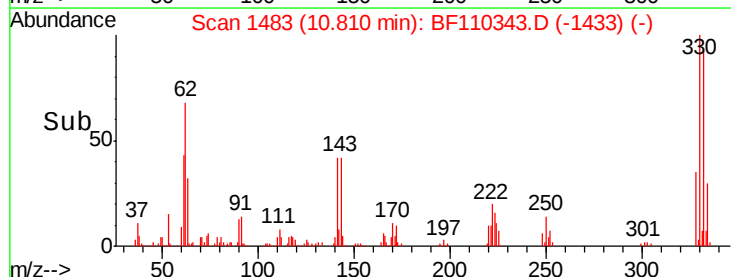
141 38.4 27.0 40.4



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: 99.703 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

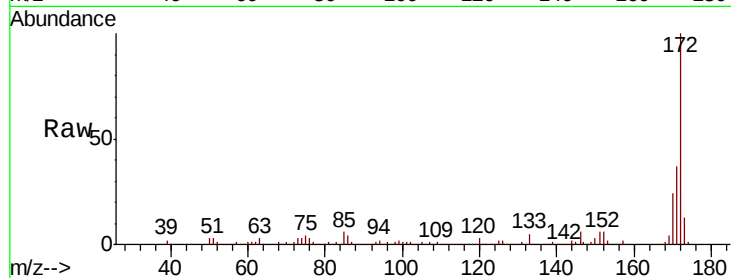
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1085512

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	23.7	19.7	29.5

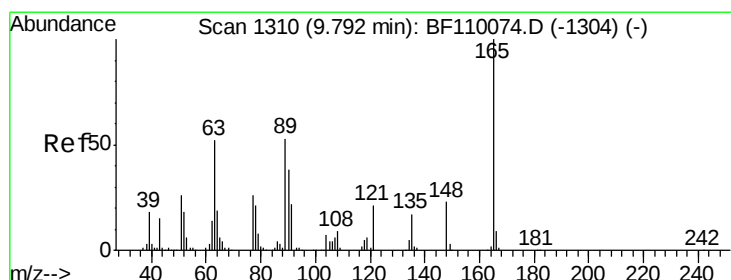
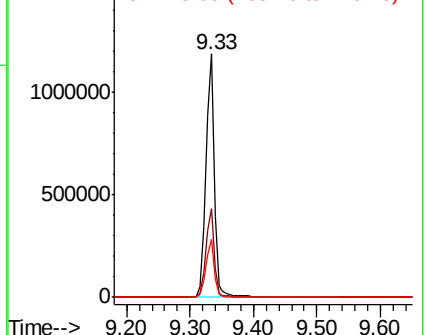
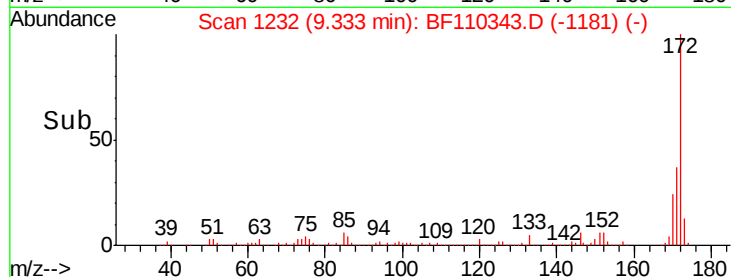


Abundance

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: 7.877 ng

RT: 10.02 min Scan# 1348

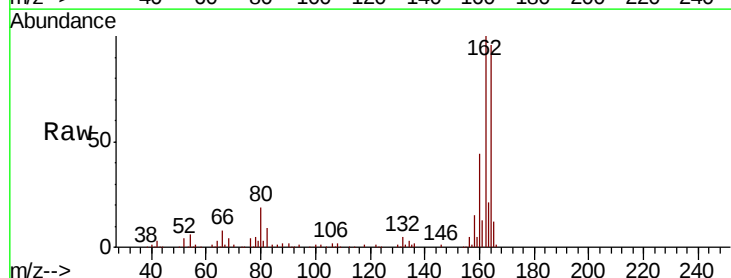
Delta R.T. 0.21 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

Tgt Ion:165 Resp: 21412

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	0.0	46.6	69.8#

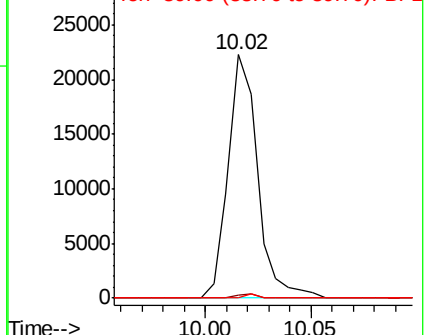
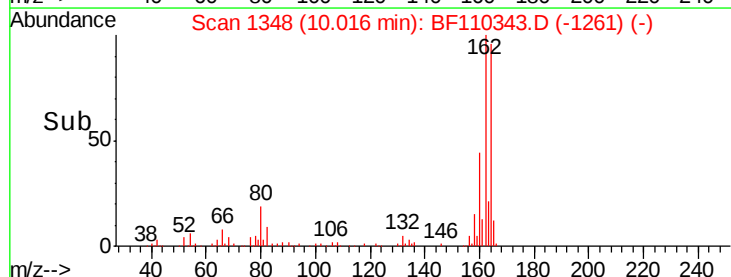


Abundance

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

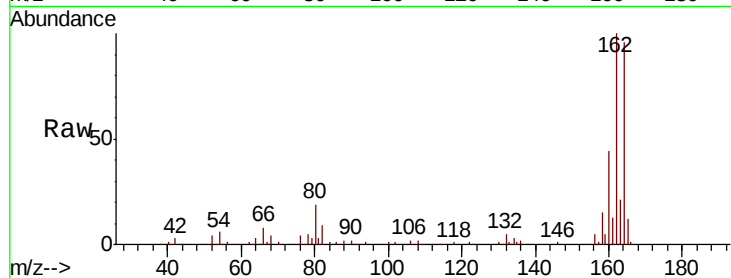




#57
 2,4-Dinitrotoluene
 Concen: 6.201 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.20 min
 Lab File: BF110343.D
 Acq: 31 Oct 2018 19:59

Instrument :
 BNA_F
 ClientSampleId :

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

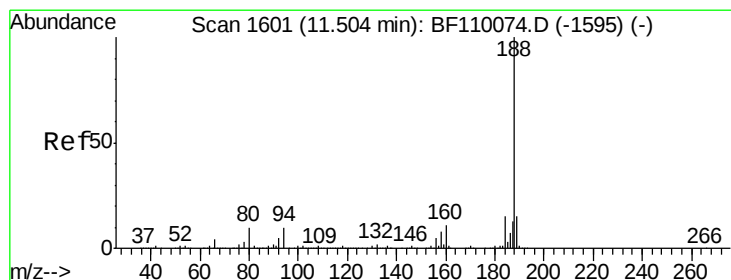
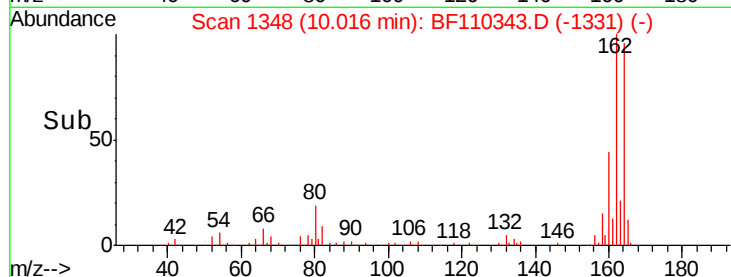
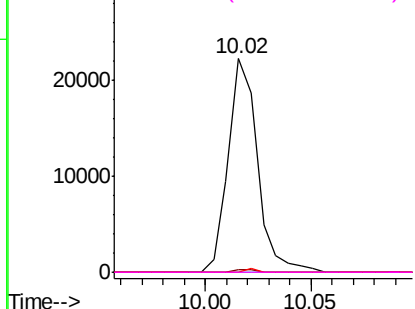


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

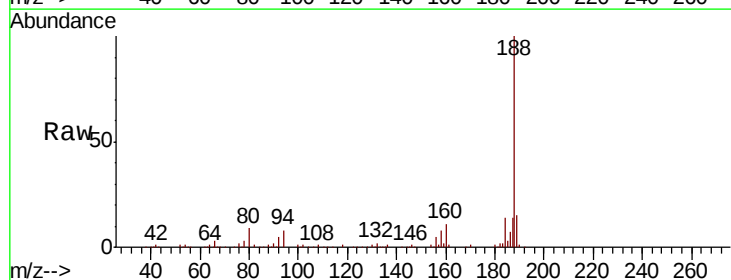
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF110343.D
 Acq: 31 Oct 2018 19:59

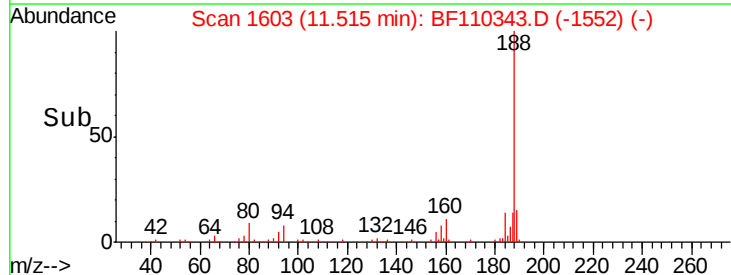
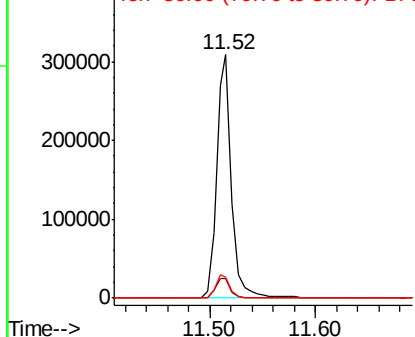
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.5	7.9	11.9



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

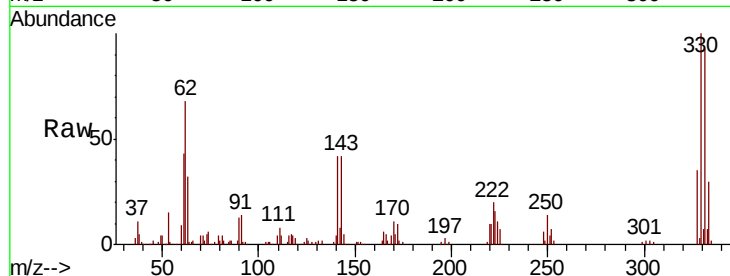




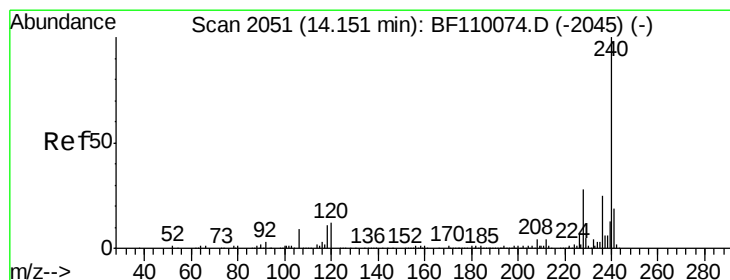
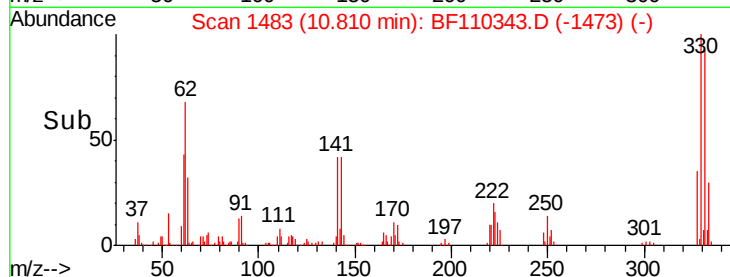
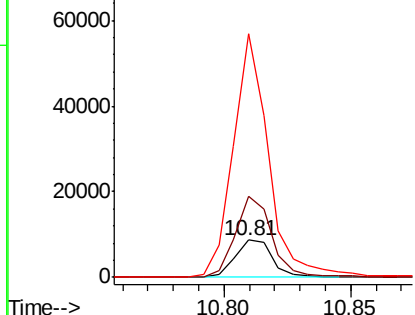
#67
 4-Bromophenyl-phenylether
 Concen: 2.659 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.24 min
 Lab File: BF110343.D
 Acq: 31 Oct 2018 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8838
 Ion Ratio Lower Upper
 248 100
 250 218.1 79.4 119.2#
 141 656.6 55.9 83.9#

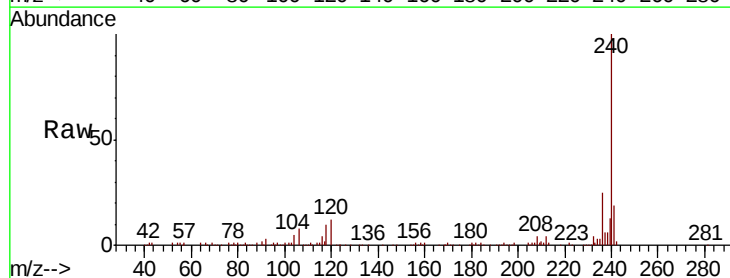


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

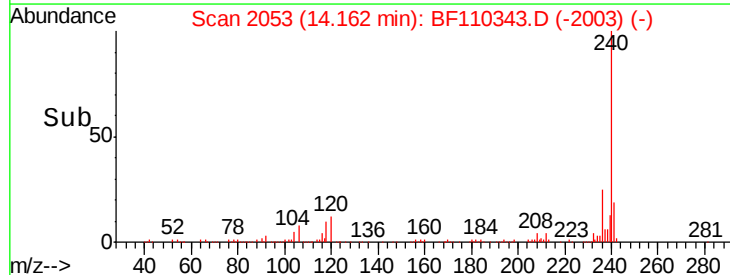
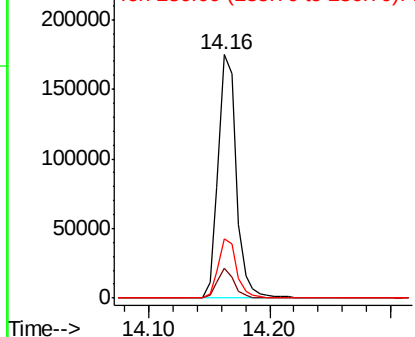


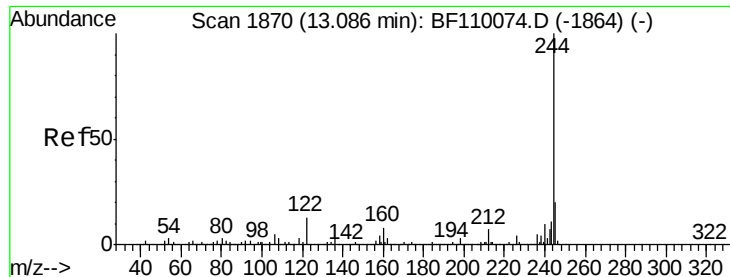
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110343.D
 Acq: 31 Oct 2018 19:59

Tgt Ion:240 Resp: 180869
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.3 12.5
 236 24.6 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

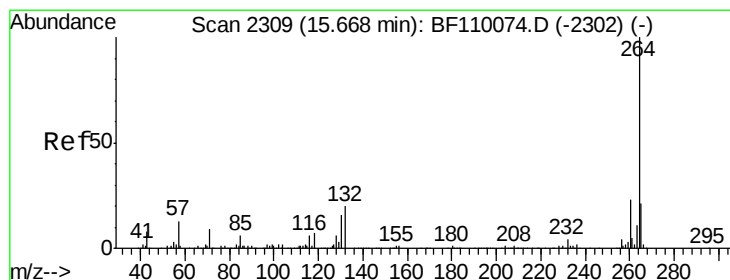
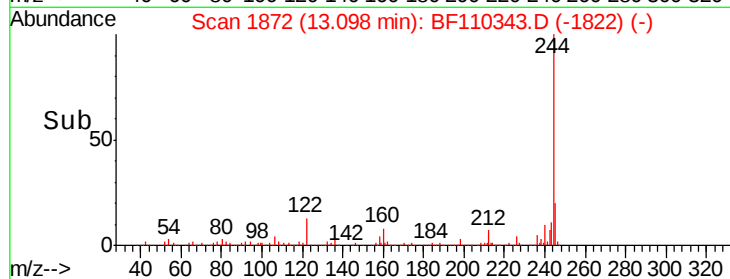
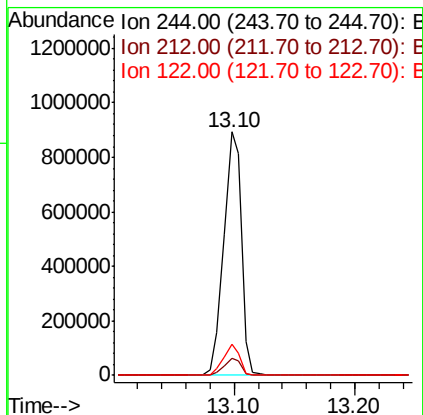
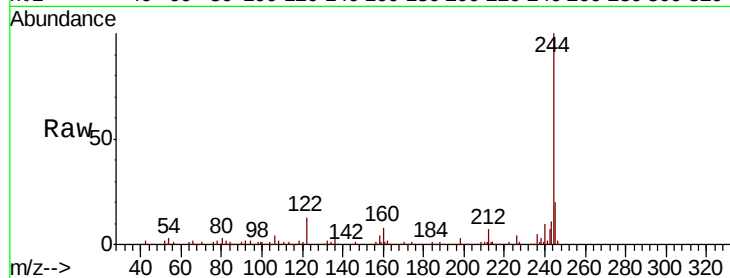




#79
 Terphenyl-d14
 Concen: 103.636 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF110343.D
 Acq: 31 Oct 2018 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 901302
 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: 15.70 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BF110343.D
 Acq: 31 Oct 2018 19:59

Tgt Ion:264 Resp: 139590
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.4 16.7 25.1

