

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110235.D
 Acq On : 27 Oct 2018 2:49
 Operator : JU/SJ
 Sample : J5686-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 06:30:59 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

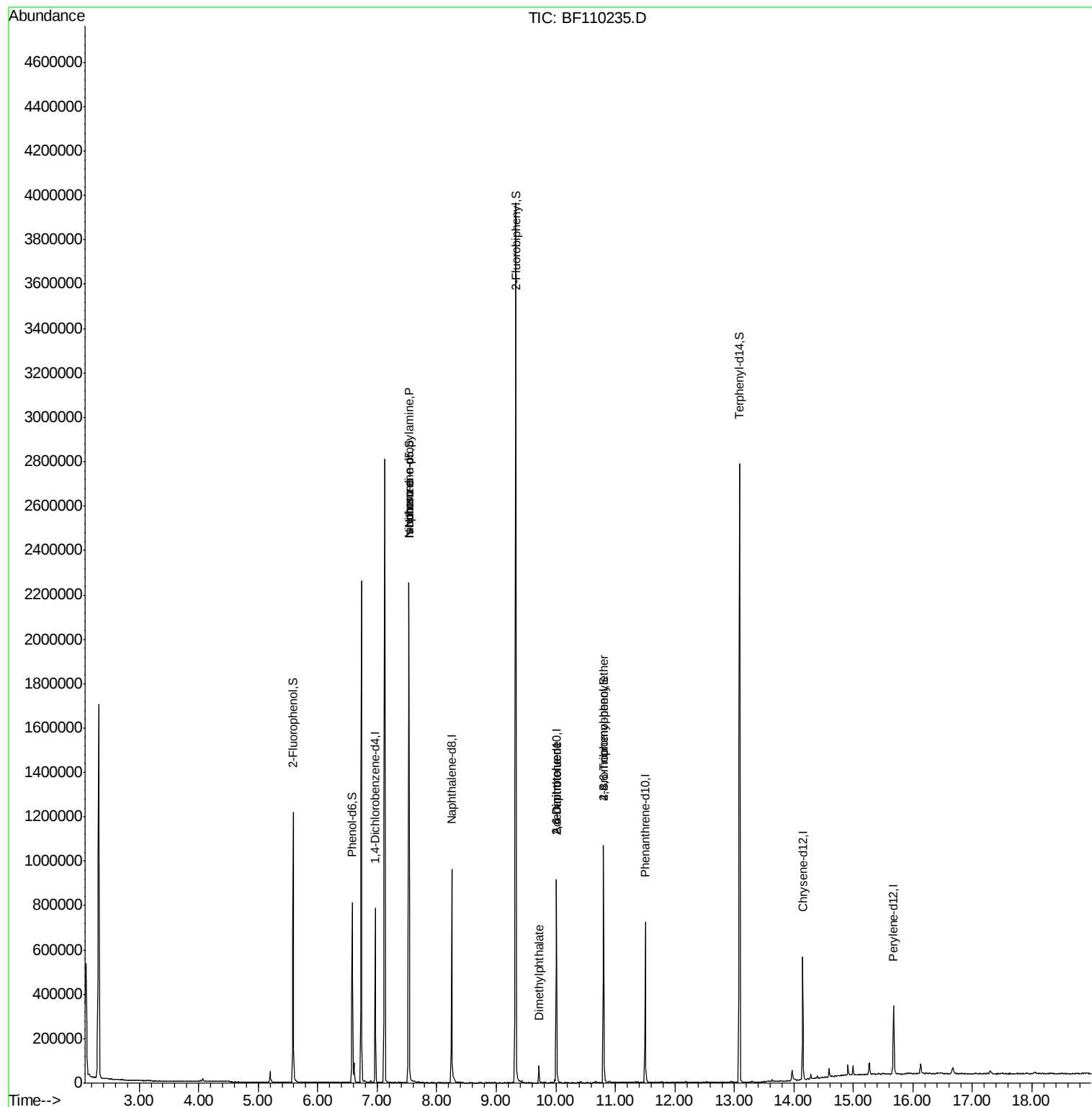
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	119589	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	444095	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	176297	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	278015	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	199625	20.00	ng	-0.01
87) Perylene-d12	15.68	264	133528	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	319015	43.44	ng	-0.01
7) Phenol-d6	6.58	99	246984	26.29	ng	-0.02
23) Nitrobenzene-d5	7.53	82	758126	101.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	130226	74.57	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1252724	111.58	ng	-0.01
79) Terphenyl-d14	13.09	244	993471	103.50	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	103588	17.190	ng	# 78
25) Isophorone	7.53	82	758116	59.400	ng	# 67
50) Dimethylphthalate	9.72	163	37138	2.854	ng	100
51) 2,6-Dinitrotoluene	10.01	165	21851	7.795	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	21851	6.137	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8140	2.699	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110235.D
Acq On : 27 Oct 2018 2:49
Operator : JU/SJ
Sample : J5686-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 27 06:30:59 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



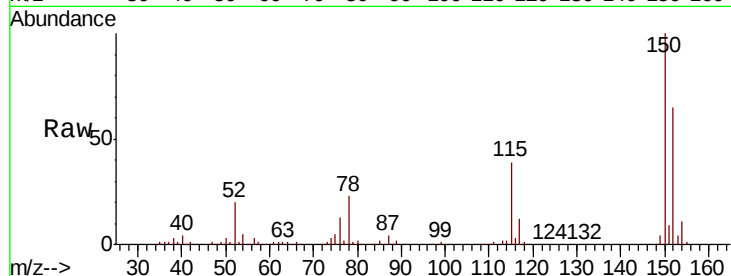


#1

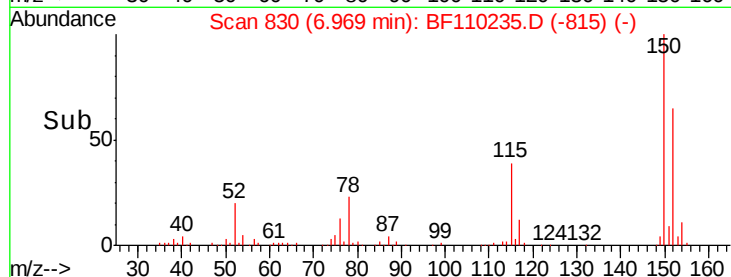
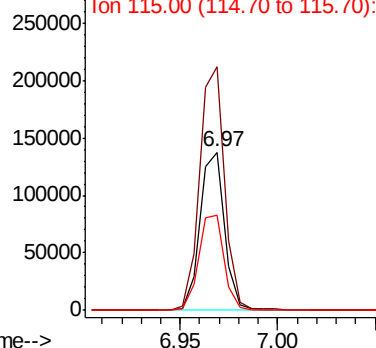
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110235.D
Acq: 27 Oct 2018 2:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.7	184.1
115	60.5	49.1	73.7



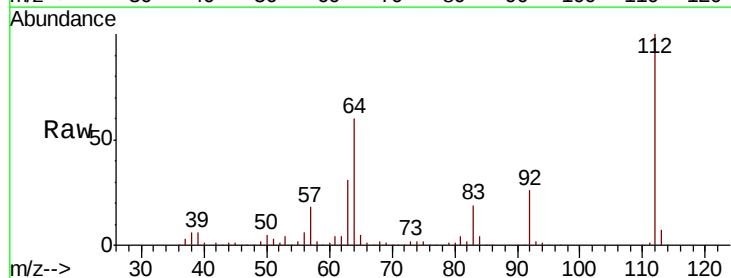
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



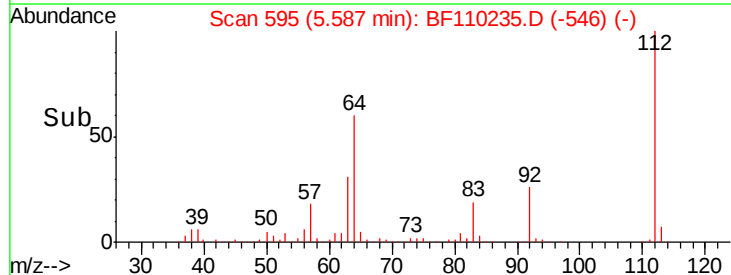
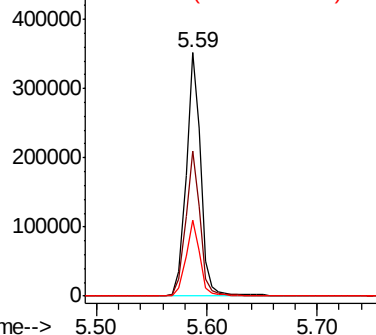
#5

2-Fluorophenol
Concen: 43.440 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110235.D
Acq: 27 Oct 2018 2:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	44.1	66.1
63	31.2	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: 26.294 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110235.D

Acq: 27 Oct 2018 2:49

Instrument :

BNA_F

ClientSampleId :

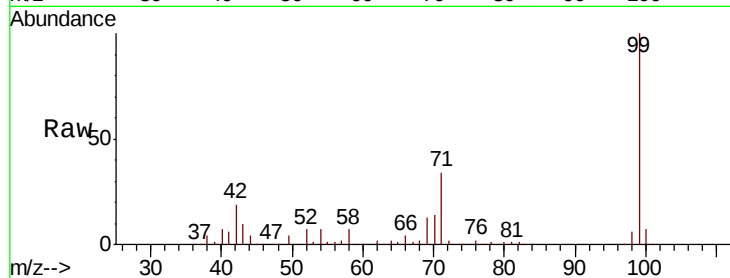
Tot Ion: 99 Resp: 246984

Ion Ratio Lower Upper

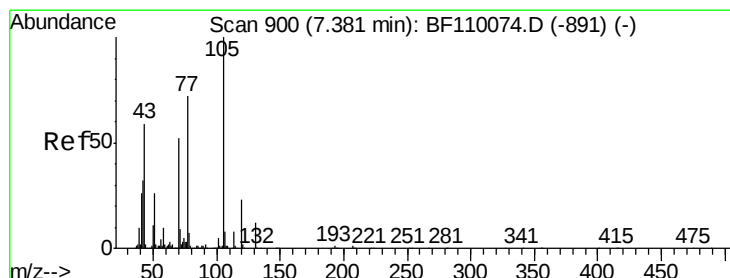
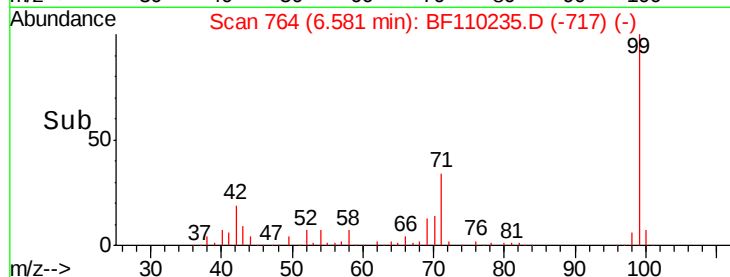
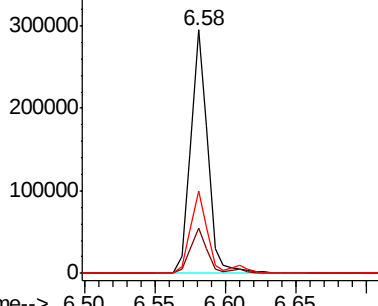
99 100

42 18.7 15.8 23.6

71 33.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.190 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110235.D

Acq: 27 Oct 2018 2:49

Tgt Ion: 70 Resp: 103588

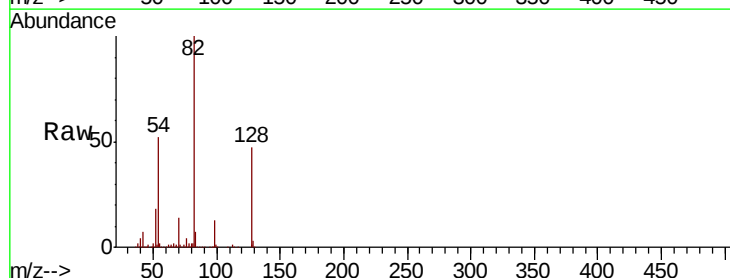
Ion Ratio Lower Upper

70 100

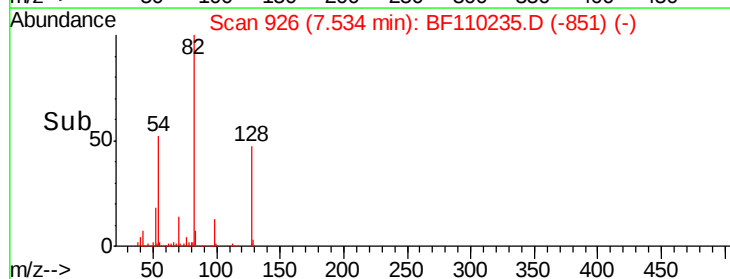
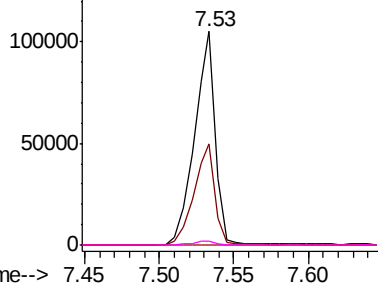
42 47.3 47.4 71.2#

101 0.0 7.3 10.9#

130 1.8 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: BF110235.D

Acq: 27 Oct 2018 2:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 444095

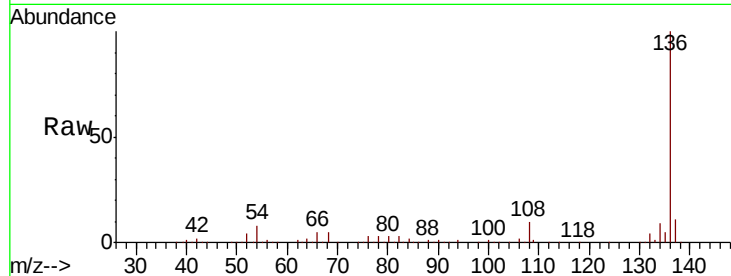
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 5.4 8.2

68 5.3 4.2 6.2

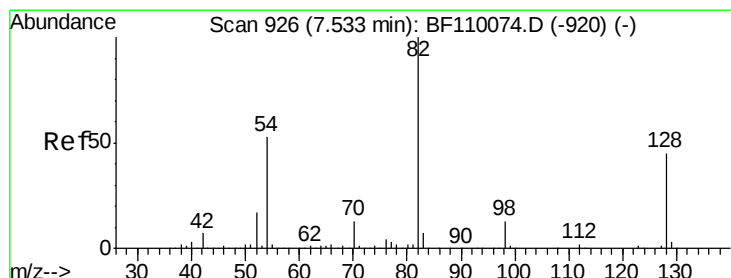
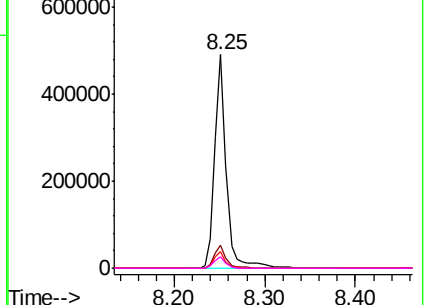
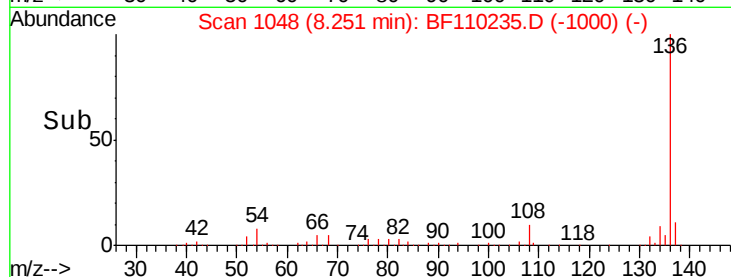


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.255 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110235.D

Acq: 27 Oct 2018 2:49

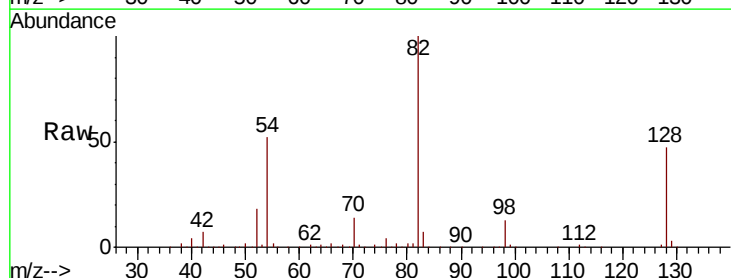
Tgt Ion: 82 Resp: 758126

Ion Ratio Lower Upper

82 100

128 46.9 34.2 51.2

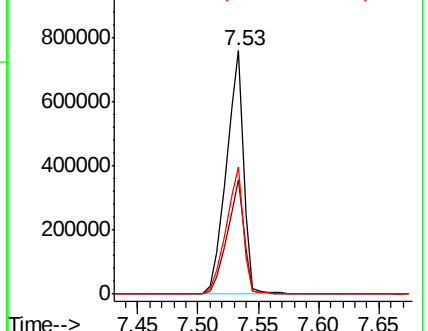
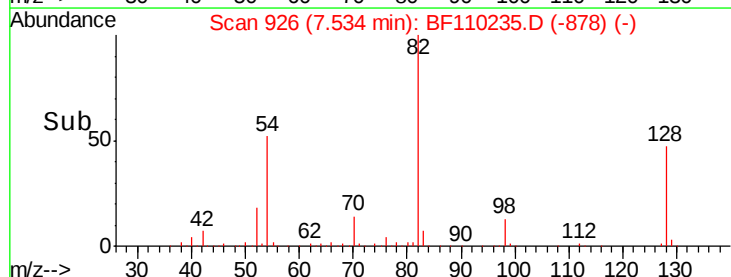
54 52.4 38.6 58.0

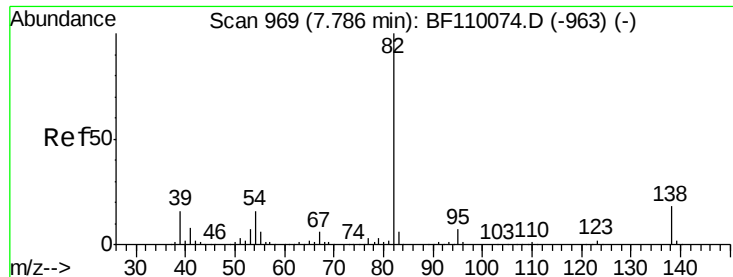


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

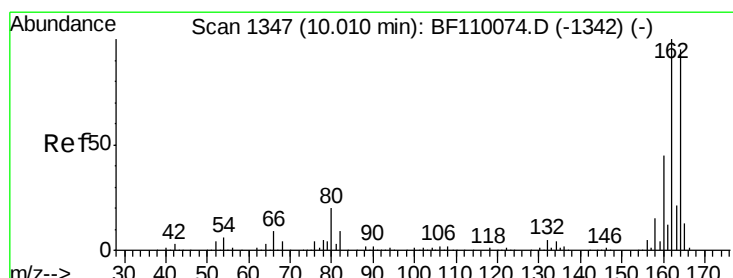
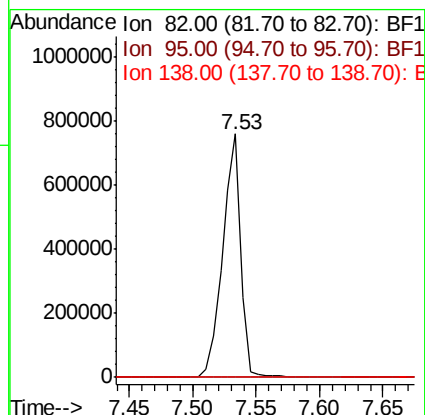
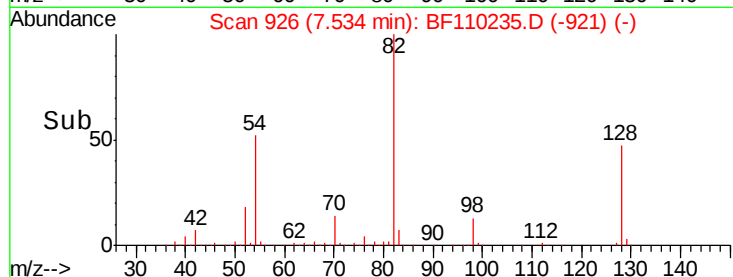
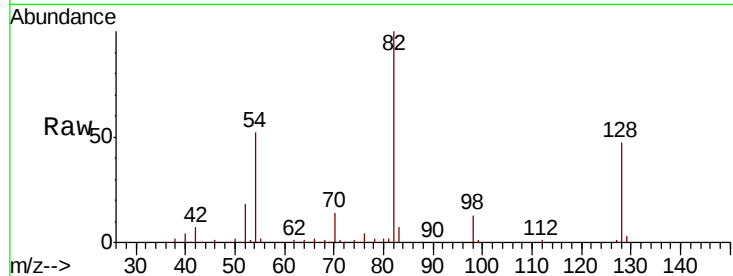




#25
Isophorone
Concen: 59.400 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110235.D
Acq: 27 Oct 2018 2:49

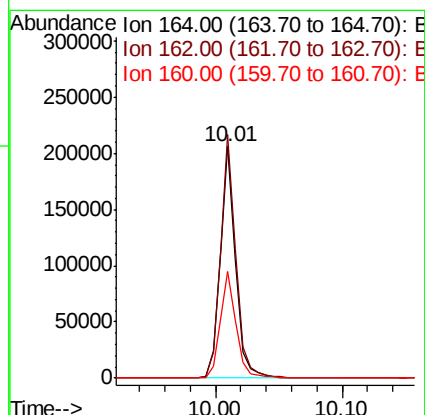
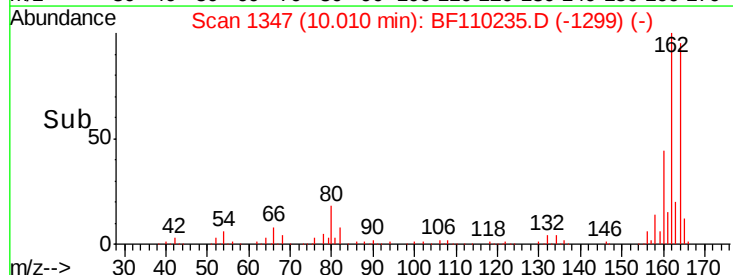
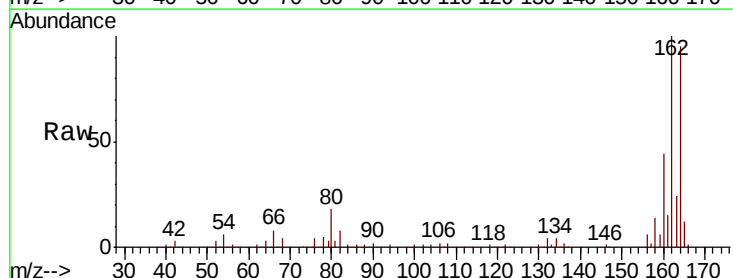
Instrument :
BNA_F
ClientSampleId :

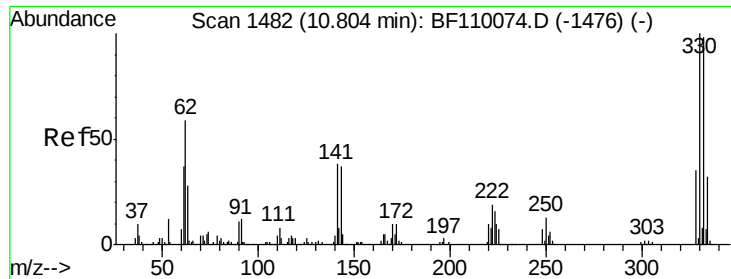
Tot Ion: 82 Resp: 758116
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110235.D
Acq: 27 Oct 2018 2:49

Tgt Ion:164 Resp: 176297
Ion Ratio Lower Upper
164 100
162 105.1 83.0 124.6
160 46.0 37.0 55.6

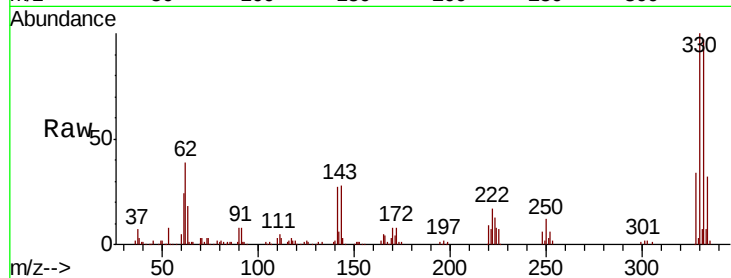




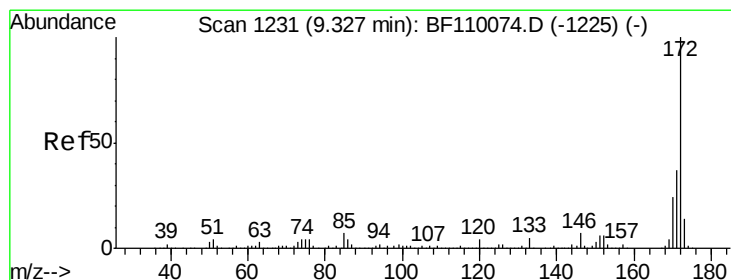
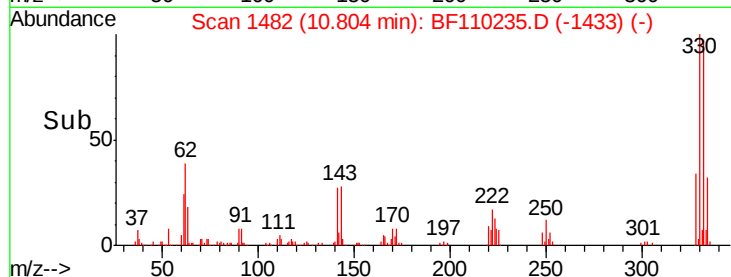
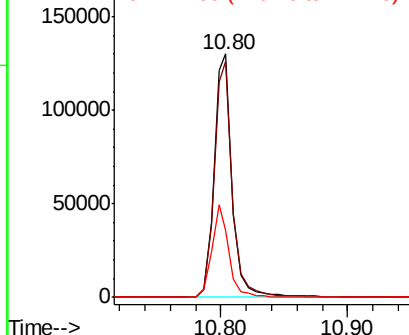
#42
 2,4,6-Tribromophenol
 Concen: 74.571 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110235.D
 Acq: 27 Oct 2018 2:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 130226
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.1 115.7
 141 35.9 27.0 40.4

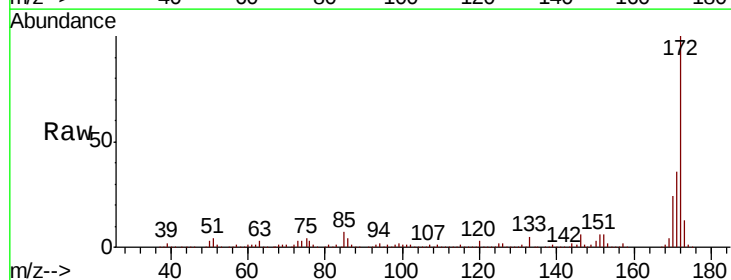


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

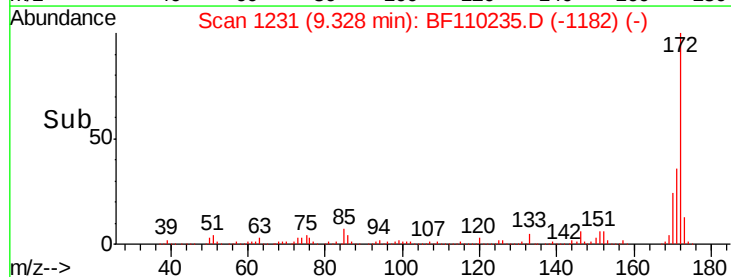
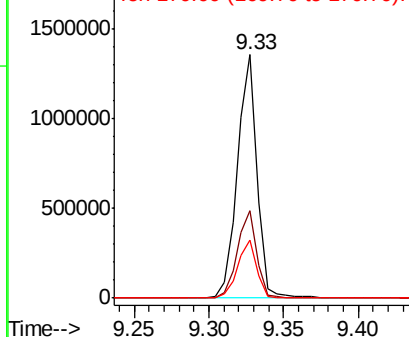


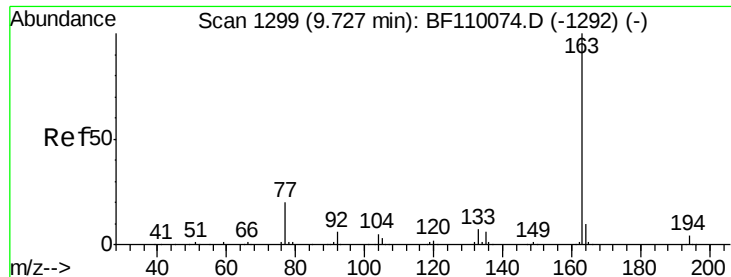
#45
 2-Fluorobiphenyl
 Concen: 111.579 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110235.D
 Acq: 27 Oct 2018 2:49

Tgt Ion:172 Resp: 1252724
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

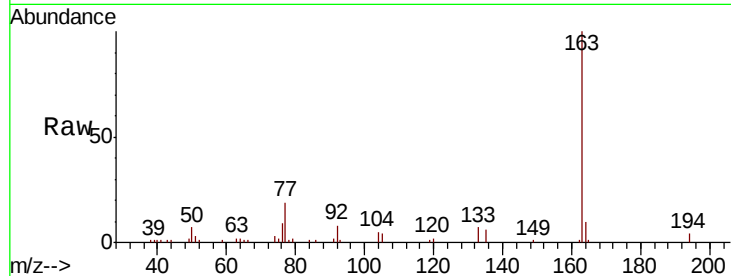




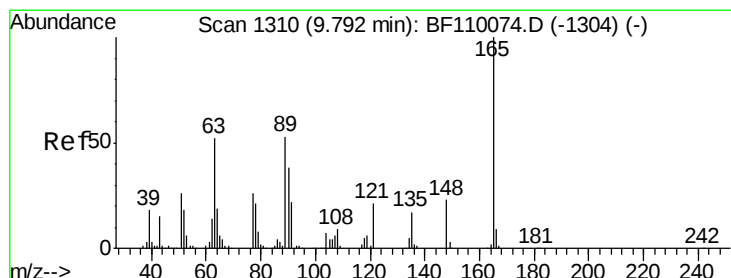
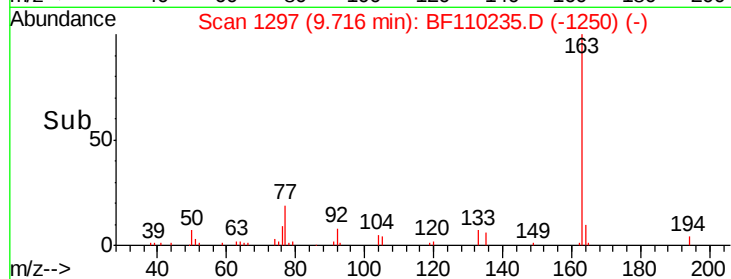
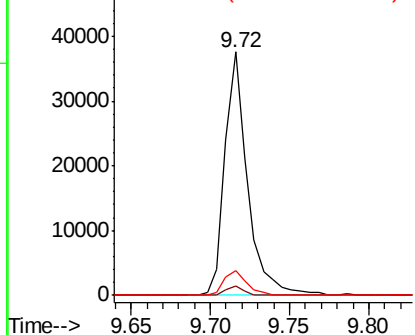
#50
Dimethylphthalate
Concen: 2.854 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110235.D
Acq: 27 Oct 2018 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	8.1	12.1

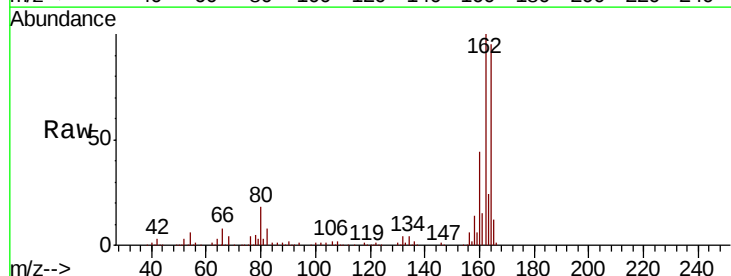


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

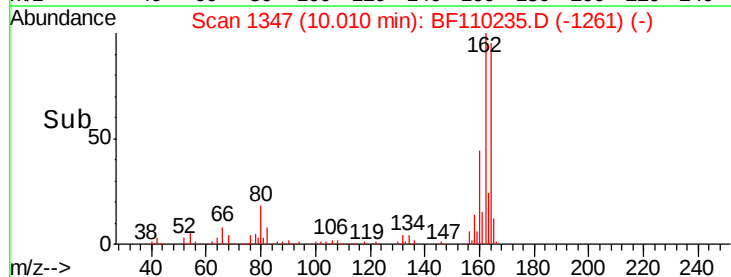
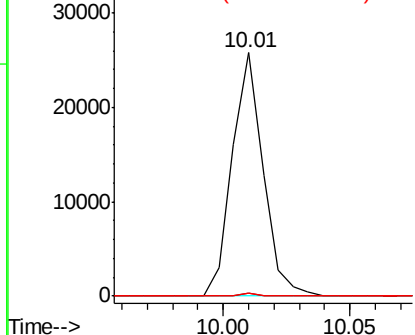


#51
2,6-Dinitrotoluene
Concen: 7.795 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110235.D
Acq: 27 Oct 2018 2:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	1.4	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

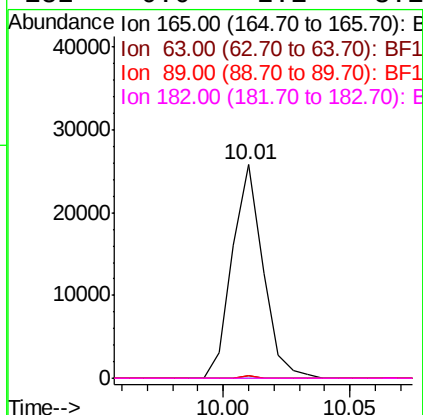
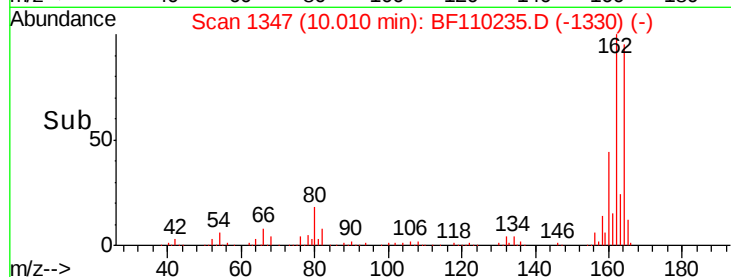
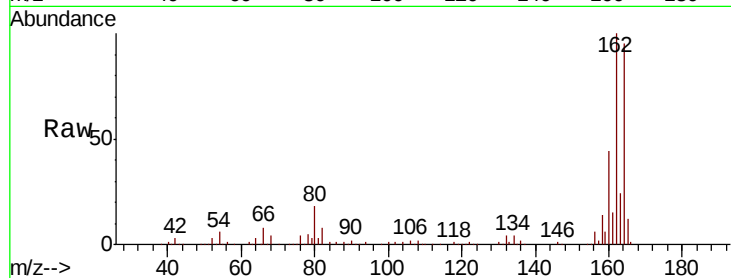




#57
2,4-Dinitrotoluene
Concen: 6.137 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110235.D
Acq: 27 Oct 2018 2:49

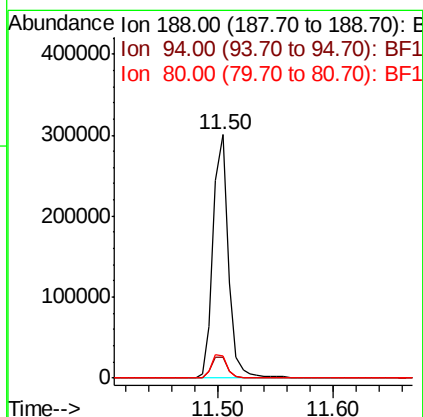
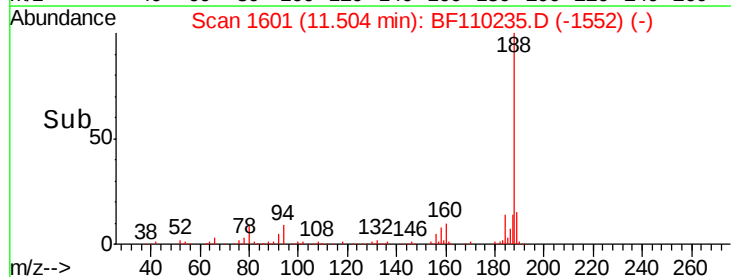
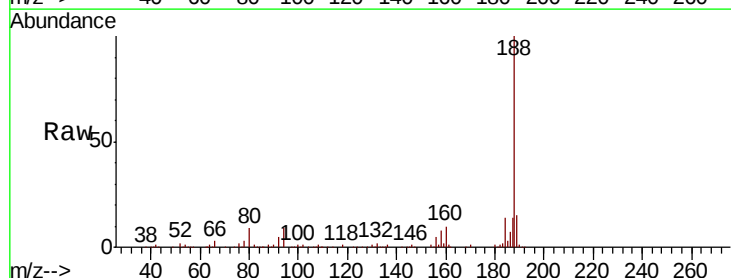
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.4	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: BF110235.D
Acq: 27 Oct 2018 2:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.0	7.9	11.9

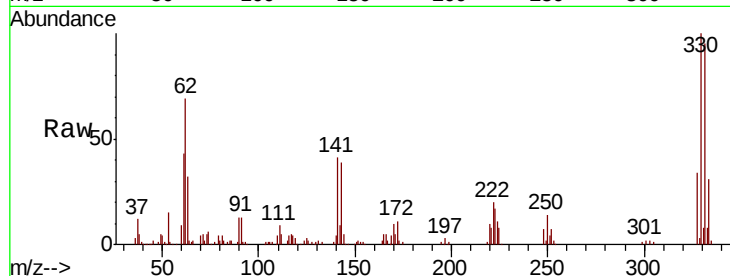




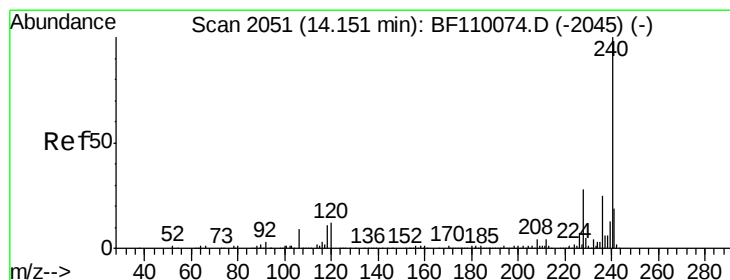
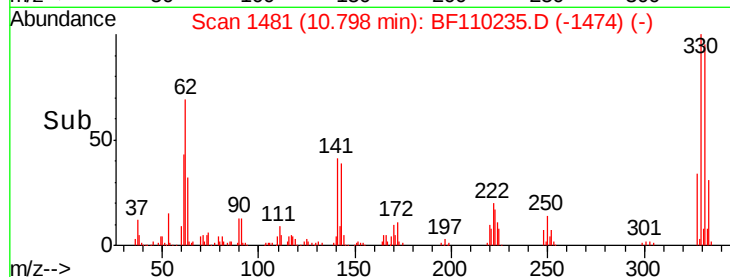
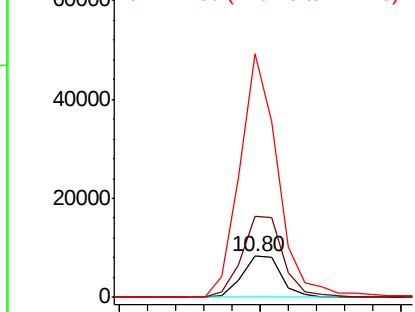
#67
 4-Bromophenyl-phenylether
 Concen: 2.699 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.26 min
 Lab File: BF110235.D
 Acq: 27 Oct 2018 2:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8140
 Ion Ratio Lower Upper
 248 100
 250 197.7 79.4 119.2#
 141 595.7 55.9 83.9#

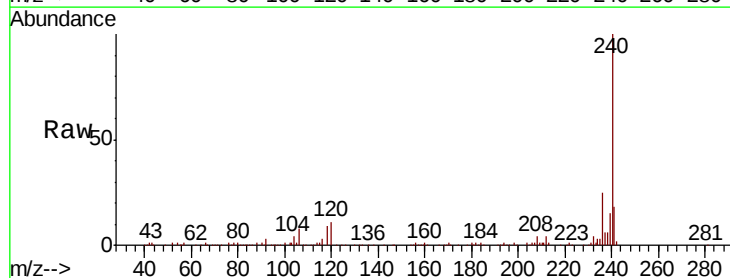


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

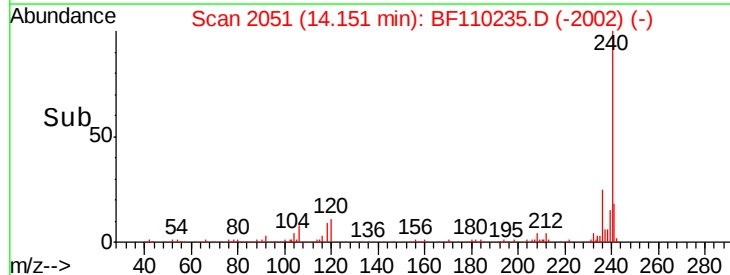
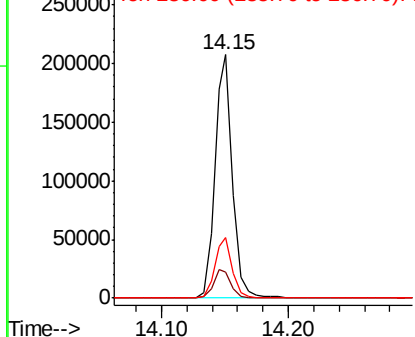


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110235.D
 Acq: 27 Oct 2018 2:49

Tgt Ion:240 Resp: 199625
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.3 12.5
 236 25.0 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: 103.501 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110235.D

Acq: 27 Oct 2018 2:49

Instrument :

BNA_F

ClientSampled :

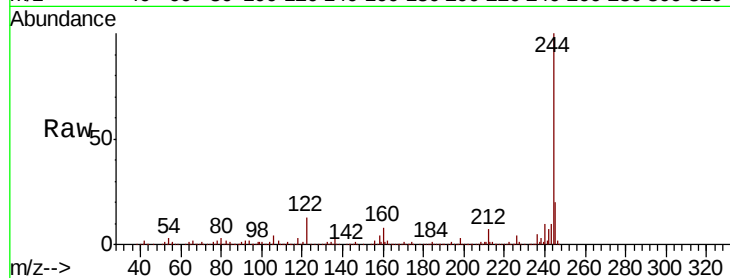
Tot Ion:244 Resp: 993471

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

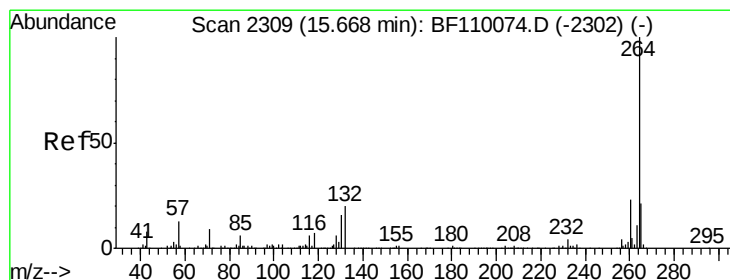
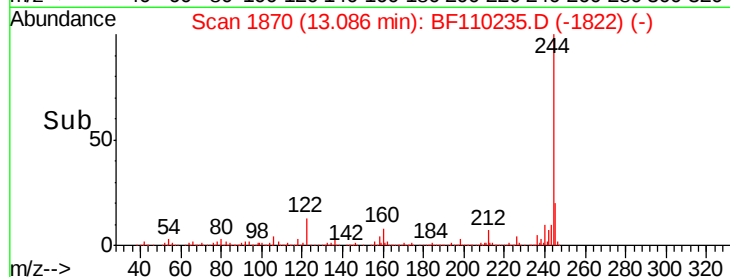
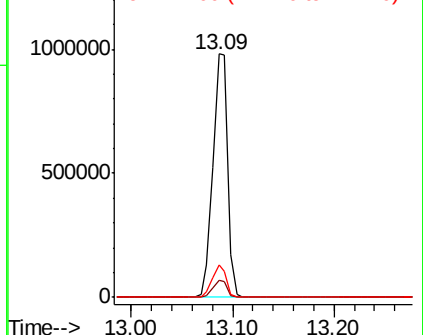
122 13.1 8.7 13.1#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110235.D

Acq: 27 Oct 2018 2:49

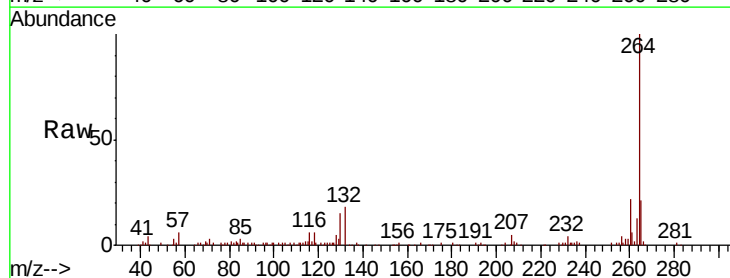
Tgt Ion:264 Resp: 133528

Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

265 20.9 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

