

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110243.D
 Acq On : 27 Oct 2018 6:27
 Operator : JU/SJ
 Sample : J5686-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 29 02:39:12 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

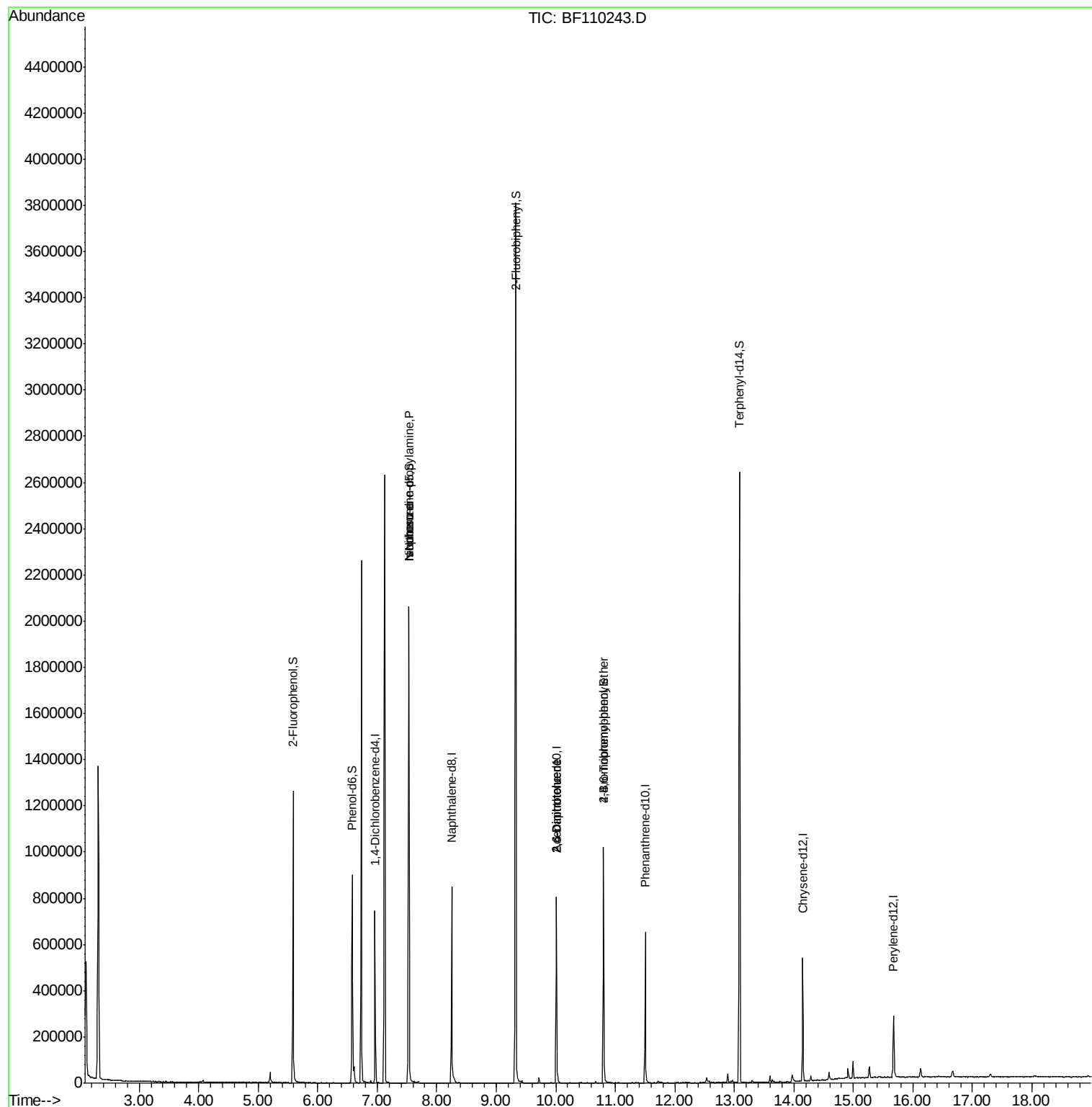
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	113314	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	420037	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	162167	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	252672	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	183930	20.00	ng	-0.01
87) Perylene-d12	15.67	264	122718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	331569	47.65	ng	-0.01
7) Phenol-d6	6.58	99	263258	29.58	ng	-0.02
23) Nitrobenzene-d5	7.53	82	723005	102.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	127617	79.44	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1171409	113.43	ng	-0.01
79) Terphenyl-d14	13.09	244	901860	101.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	97025	16.992	ng	# 77
25) Isophorone	7.53	82	723001	59.893	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	20518	7.957	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	20518	6.265	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	8314	3.033	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110243.D
Acq On : 27 Oct 2018 6:27
Operator : JU/SJ
Sample : J5686-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 29 02:39:12 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



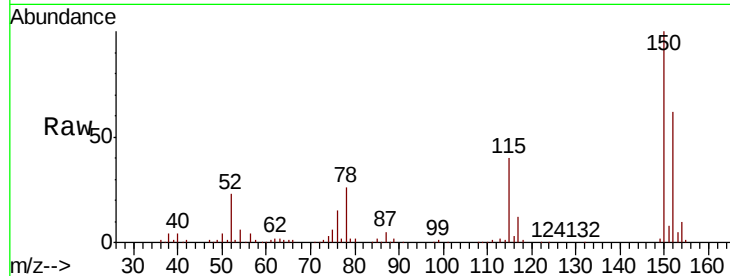


#1

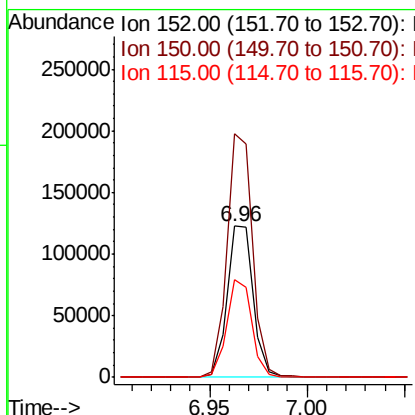
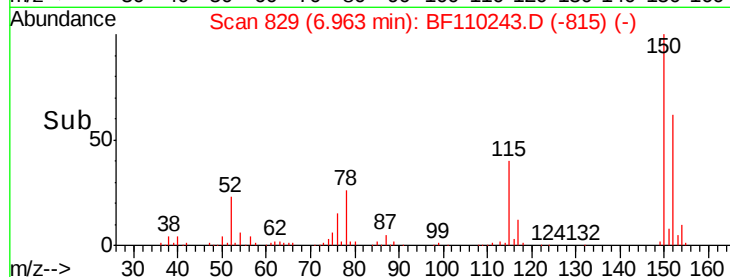
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110243.D
Acq: 27 Oct 2018 6:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113314
Ion Ratio Lower Upper
152 100
150 161.3 122.7 184.1
115 64.5 49.1 73.7



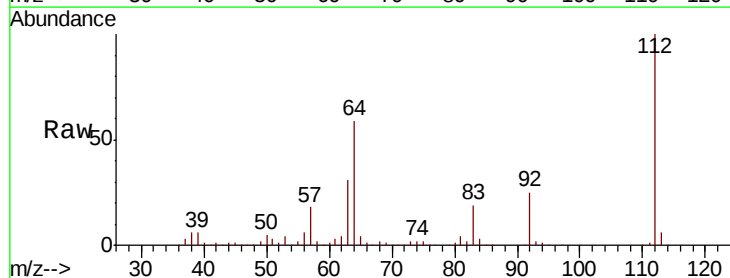
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



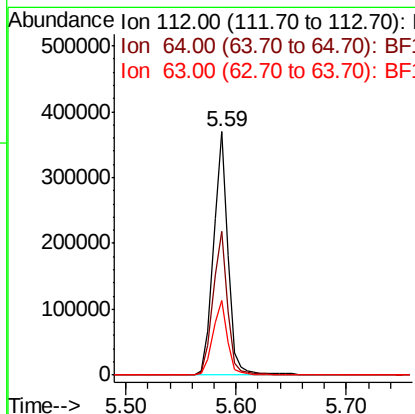
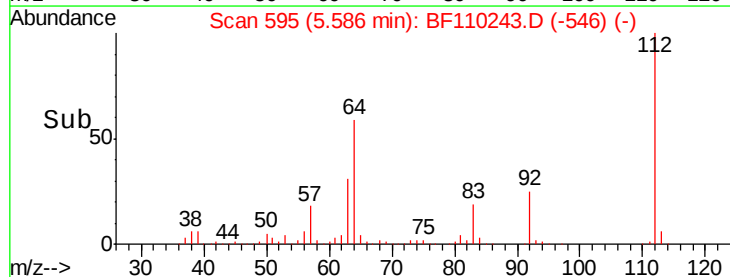
#5

2-Fluorophenol
Concen: 47.650 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110243.D
Acq: 27 Oct 2018 6:27

Tgt Ion:112 Resp: 331569
Ion Ratio Lower Upper
112 100
64 59.0 44.1 66.1
63 30.8 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: 29.579 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110243.D

Acq: 27 Oct 2018 6:27

Instrument :

BNA_F

ClientSampleId :

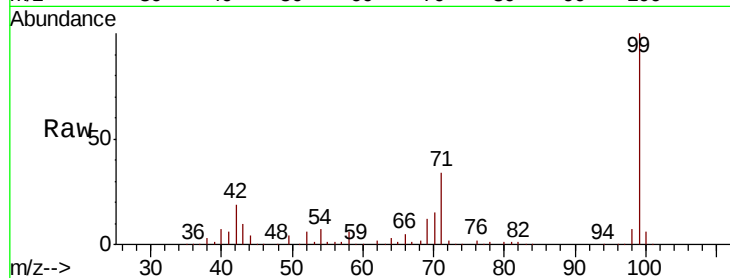
Tot Ion: 99 Resp: 263258

Ion Ratio Lower Upper

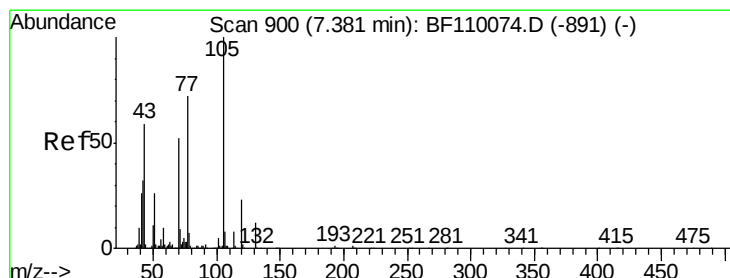
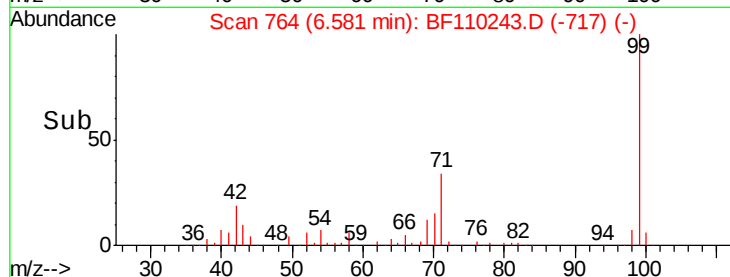
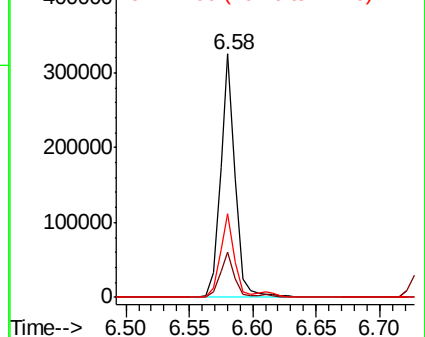
99 100

42 18.8 15.8 23.6

71 34.1 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: 16.992 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110243.D

Acq: 27 Oct 2018 6:27

Tgt Ion: 70 Resp: 97025

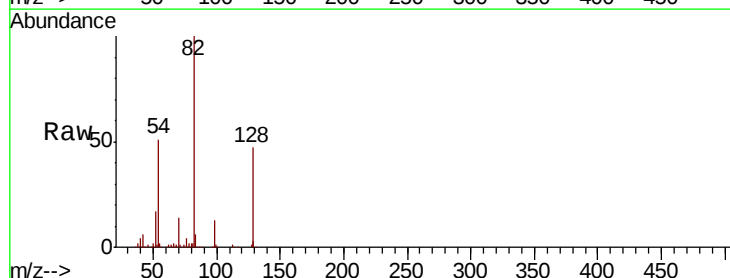
Ion Ratio Lower Upper

70 100

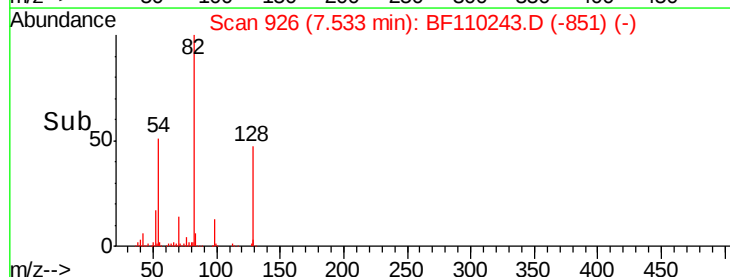
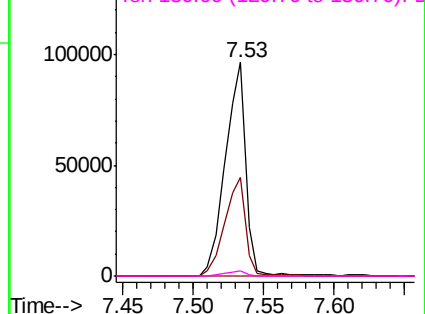
42 46.4 47.4 71.2#

101 0.0 7.3 10.9#

130 2.4 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

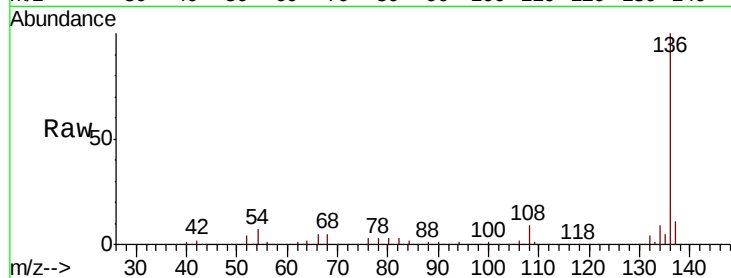




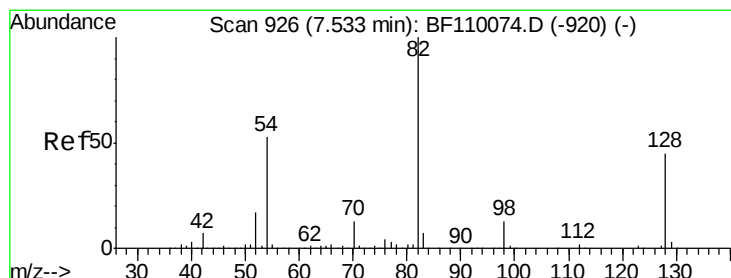
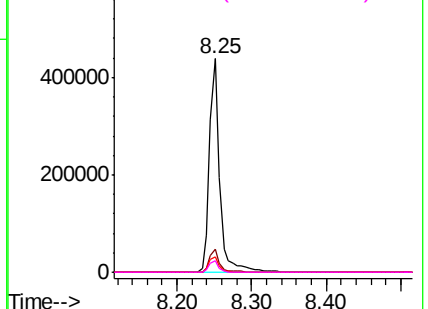
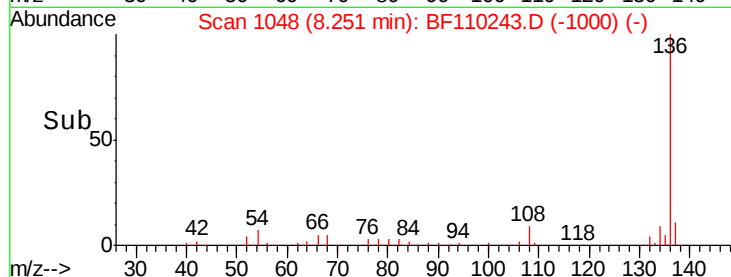
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110243.D
Acq: 27 Oct 2018 6:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	420037
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	7.3	5.4 8.2
68	5.3	4.2 6.2

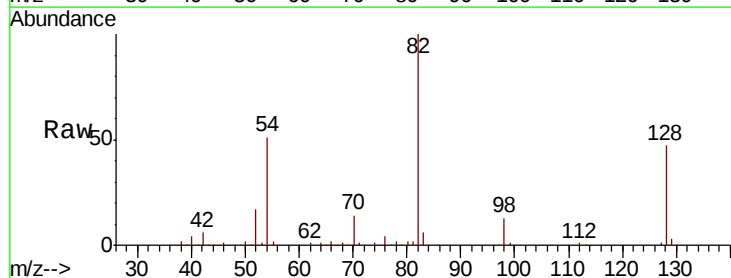


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

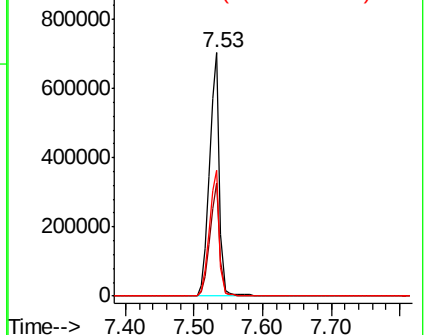
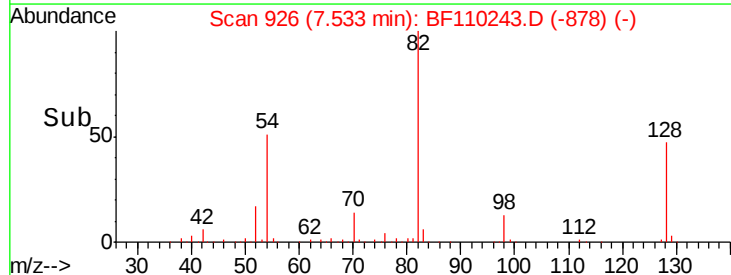


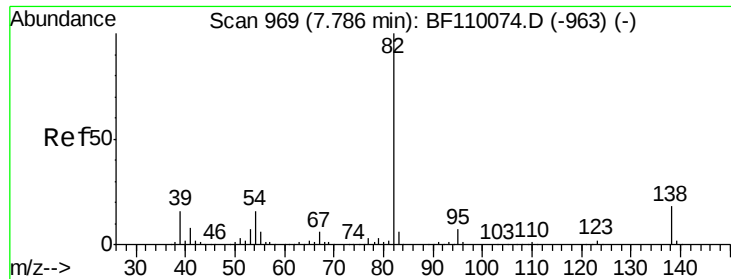
#23
Nitrobenzene-d5
Concen: 102.095 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110243.D
Acq: 27 Oct 2018 6:27

Tgt Ion: 82	Resp:	723005
Ion Ratio	Lower	Upper
82	100	
128	46.7	34.2 51.2
54	51.5	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: 59.893 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110243.D

Acq: 27 Oct 2018 6:27

Instrument :

BNA_F

ClientSampleId :

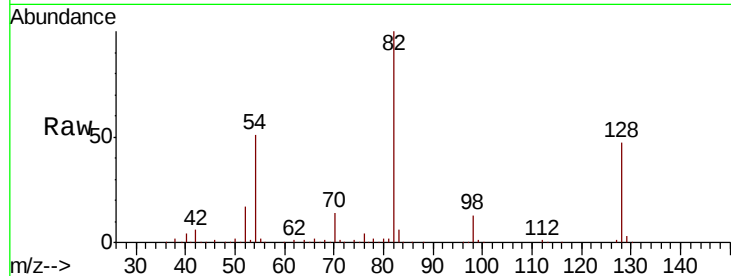
Tot Ion: 82 Resp: 723001

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

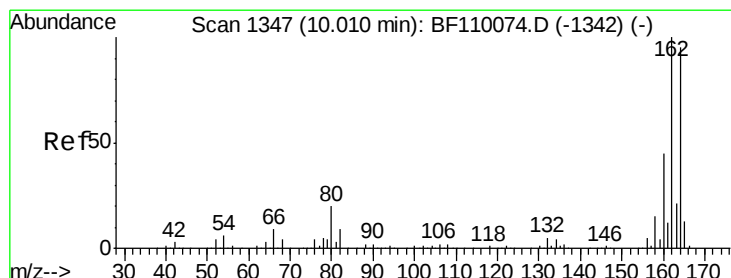
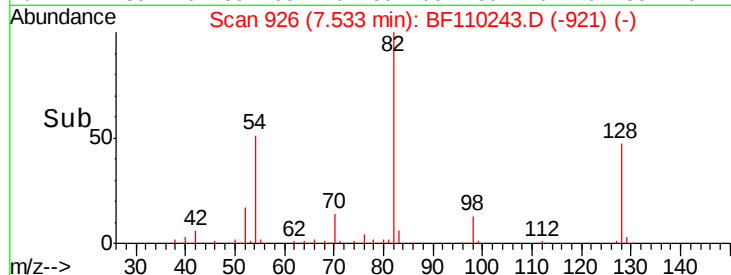
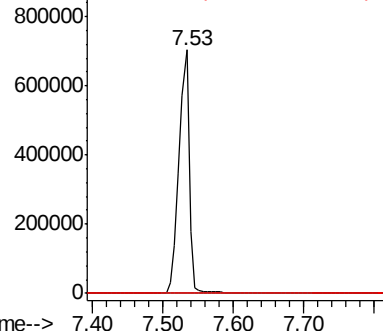
138 0.0 13.2 19.8#



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: BF110243.D

Acq: 27 Oct 2018 6:27

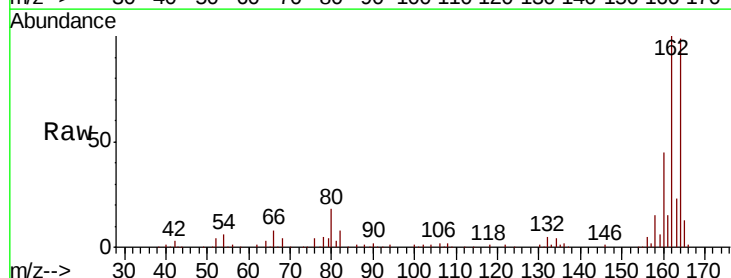
Tgt Ion:164 Resp: 162167

Ion Ratio Lower Upper

164 100

162 100.7 83.0 124.6

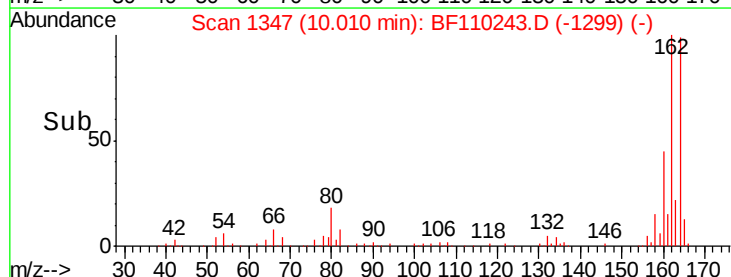
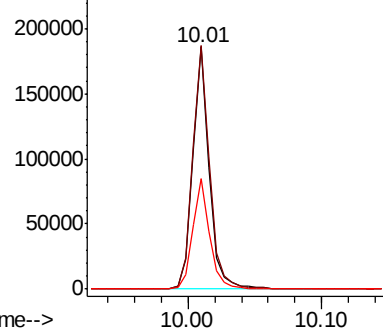
160 45.5 37.0 55.6

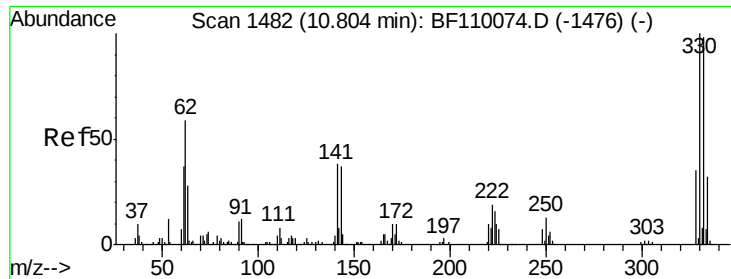


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

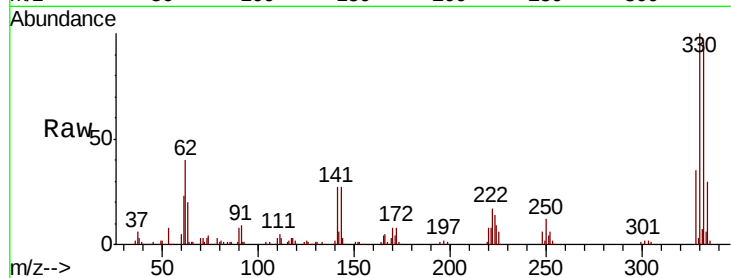




#42
 2,4,6-Tribromophenol
 Concen: 79.444 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110243.D
 Acq: 27 Oct 2018 6:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.1	115.7
141	34.9	27.0	40.4

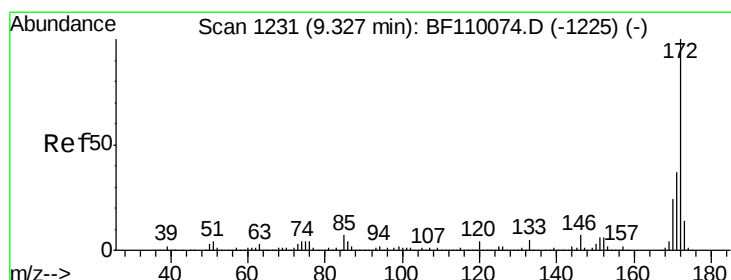
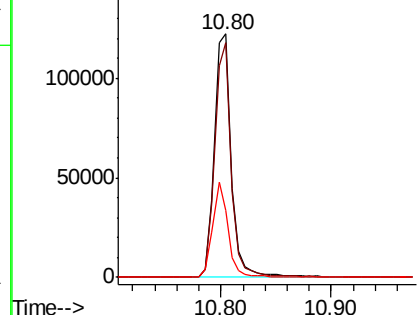
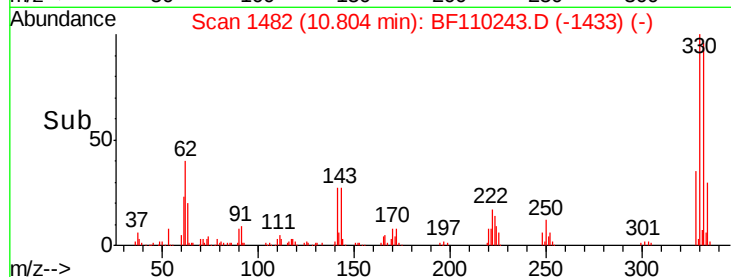


Abundance

Ion 329.80 (329.50 to 330.50): E

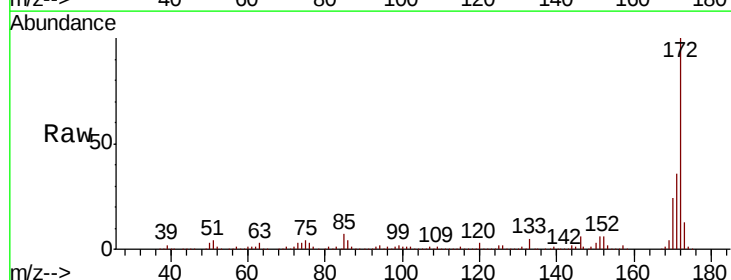
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 113.427 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110243.D
 Acq: 27 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	19.7	29.5

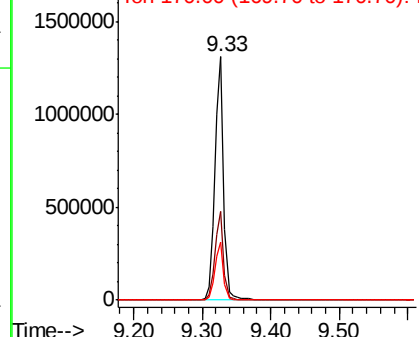
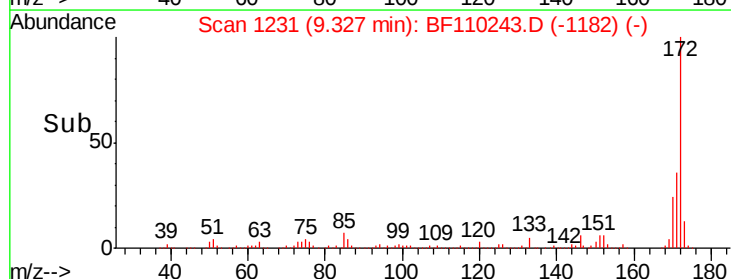


Abundance

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: 7.957 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110243.D

Acq: 27 Oct 2018 6:27

Instrument :

BNA_F

ClientSampleId :

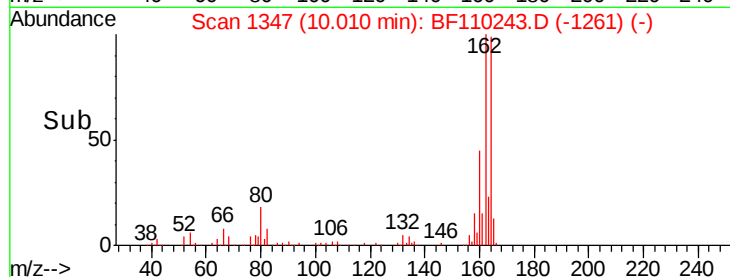
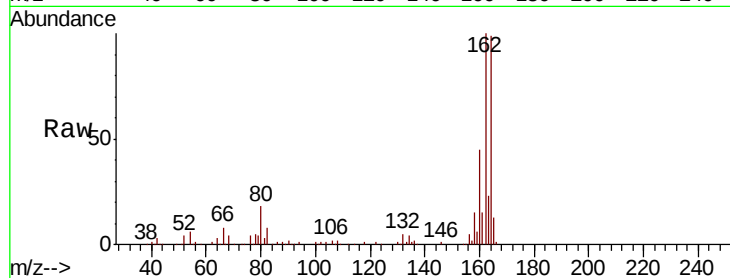
Tot Ion:165 Resp: 20518

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

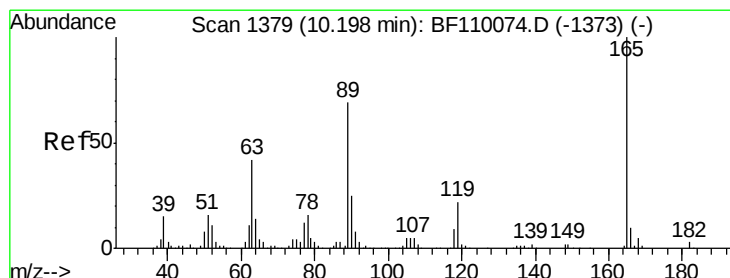
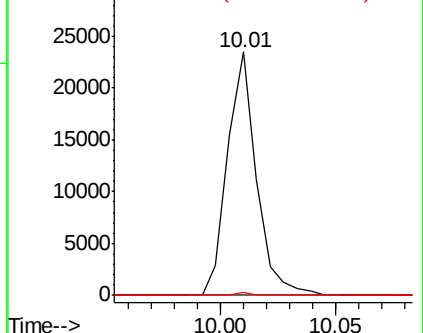
89 1.3 46.6 69.8#



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: 6.265 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110243.D

Acq: 27 Oct 2018 6:27

Tgt Ion:165 Resp: 20518

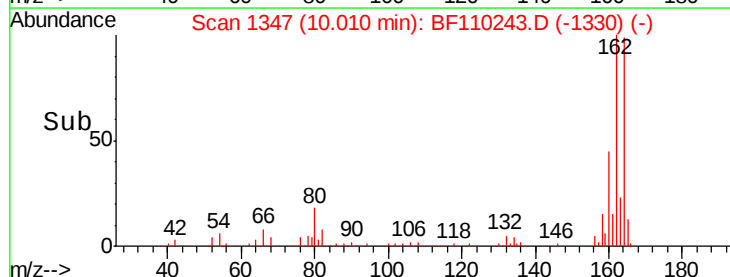
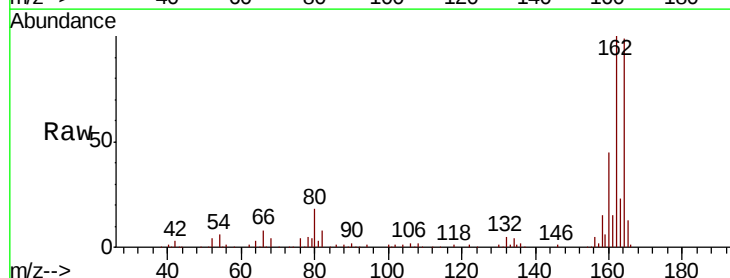
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.3 62.2 93.4#

182 0.0 2.1 3.1#

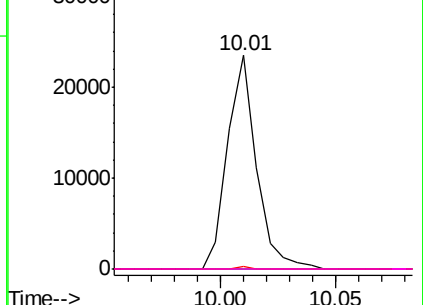


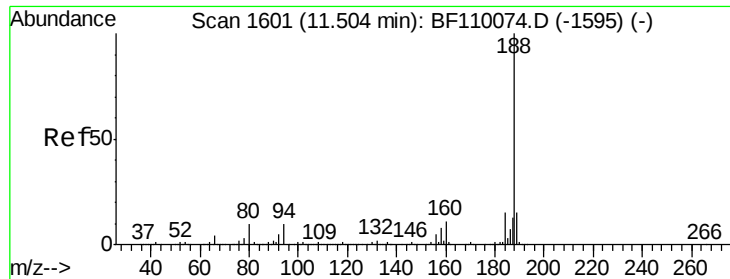
Abundance Ion 165.00 (164.70 to 165.70): E

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

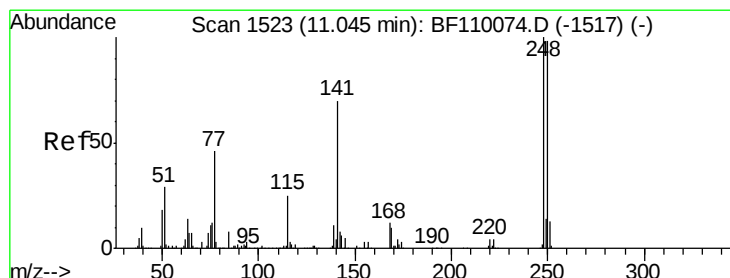
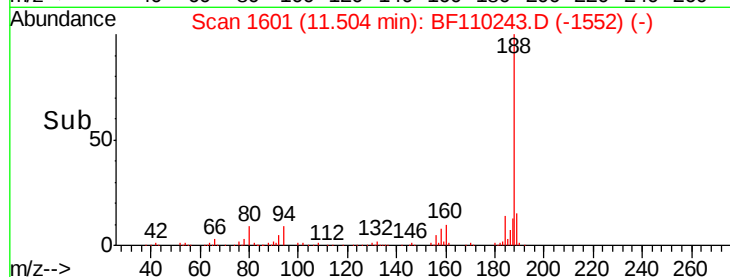
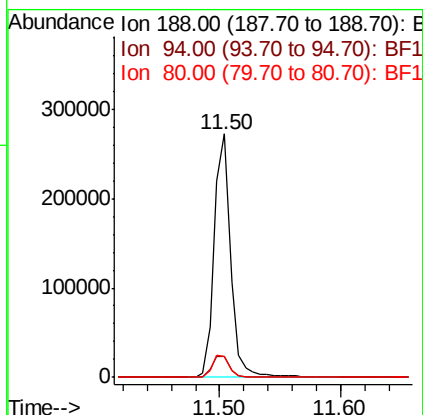
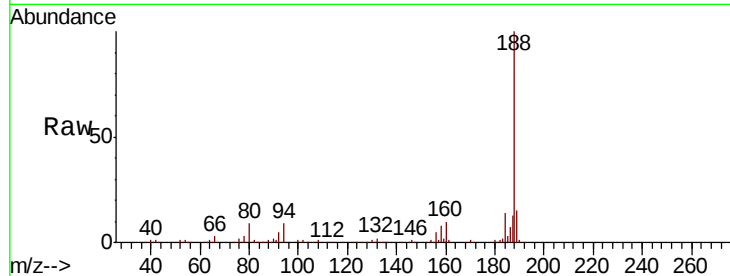




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110243.D
 Acq: 27 Oct 2018 6:27

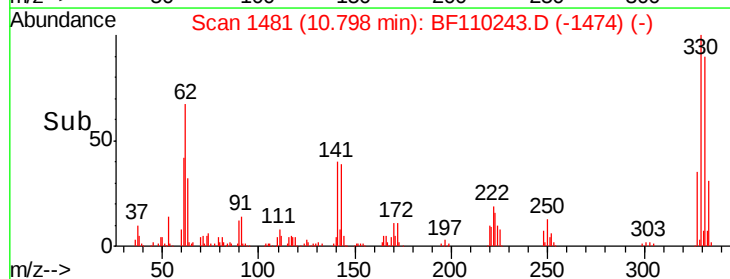
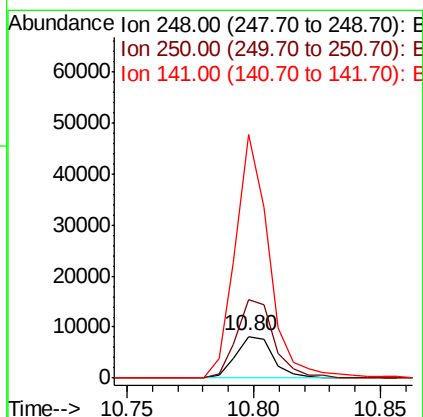
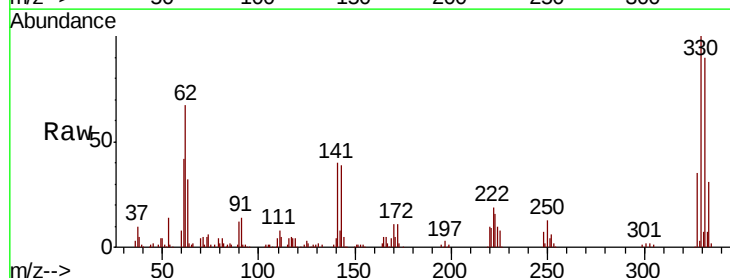
Instrument :
 BNA_F
 ClientSampleId :

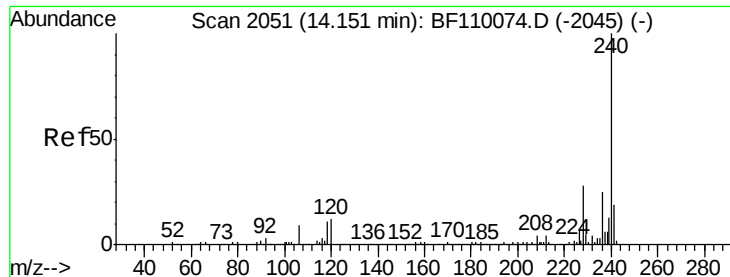
Tot Ion:188 Resp: 252672
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.2 10.8
 80 8.8 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.033 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.26 min
 Lab File: BF110243.D
 Acq: 27 Oct 2018 6:27

Tgt Ion:248 Resp: 8314
 Ion Ratio Lower Upper
 248 100
 250 188.5 79.4 119.2#
 141 582.1 55.9 83.9#

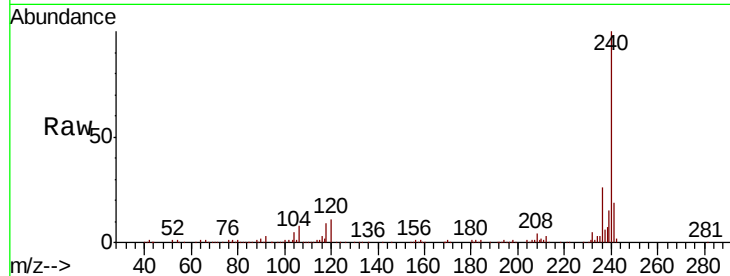




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110243.D
 Acq: 27 Oct 2018 6:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.9	21.2	31.8

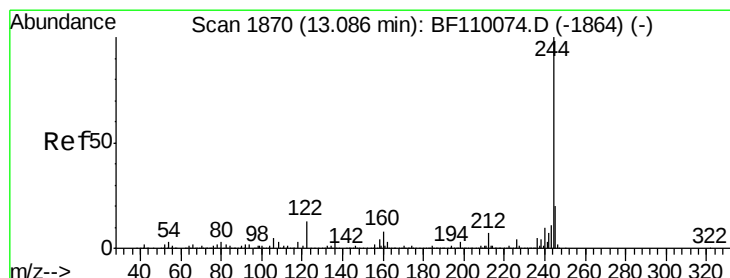
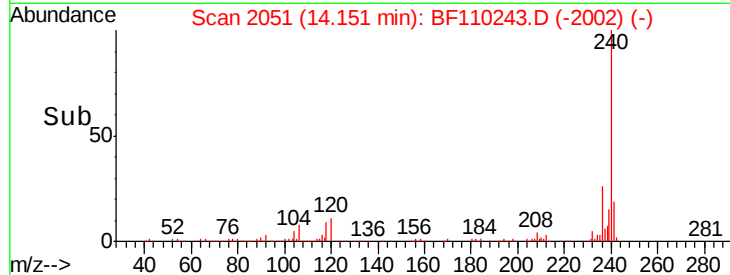
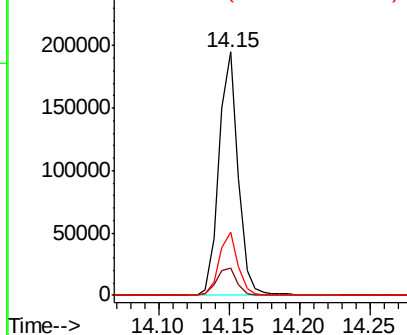


Abundance

Ion 240.00 (239.70 to 240.70): E

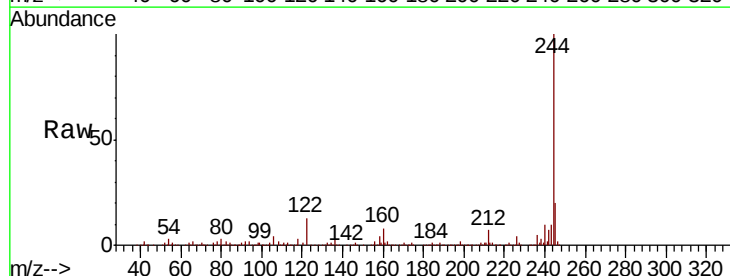
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 101.974 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110243.D
 Acq: 27 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.3	8.7	13.1#

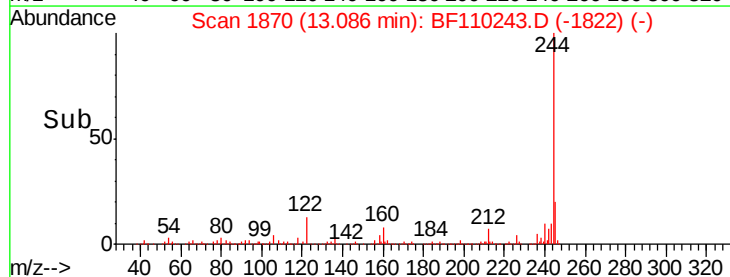
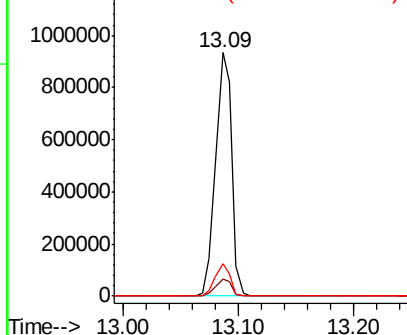


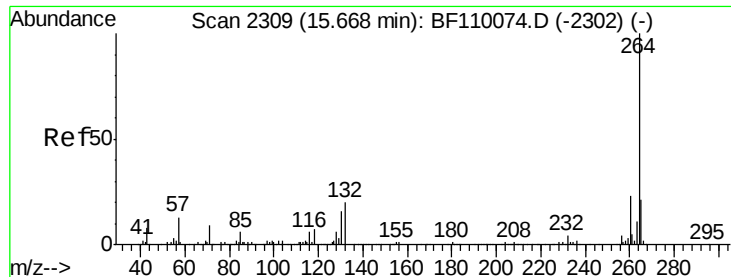
Abundance

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# 2310
Delta R.T. -0.02 min
Lab File: BF110243.D
Acq: 27 Oct 2018 6:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.4	16.7	25.1

