

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110245.D
 Acq On : 27 Oct 2018 7:22
 Operator : JU/SJ
 Sample : J5686-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 29 02:35:56 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

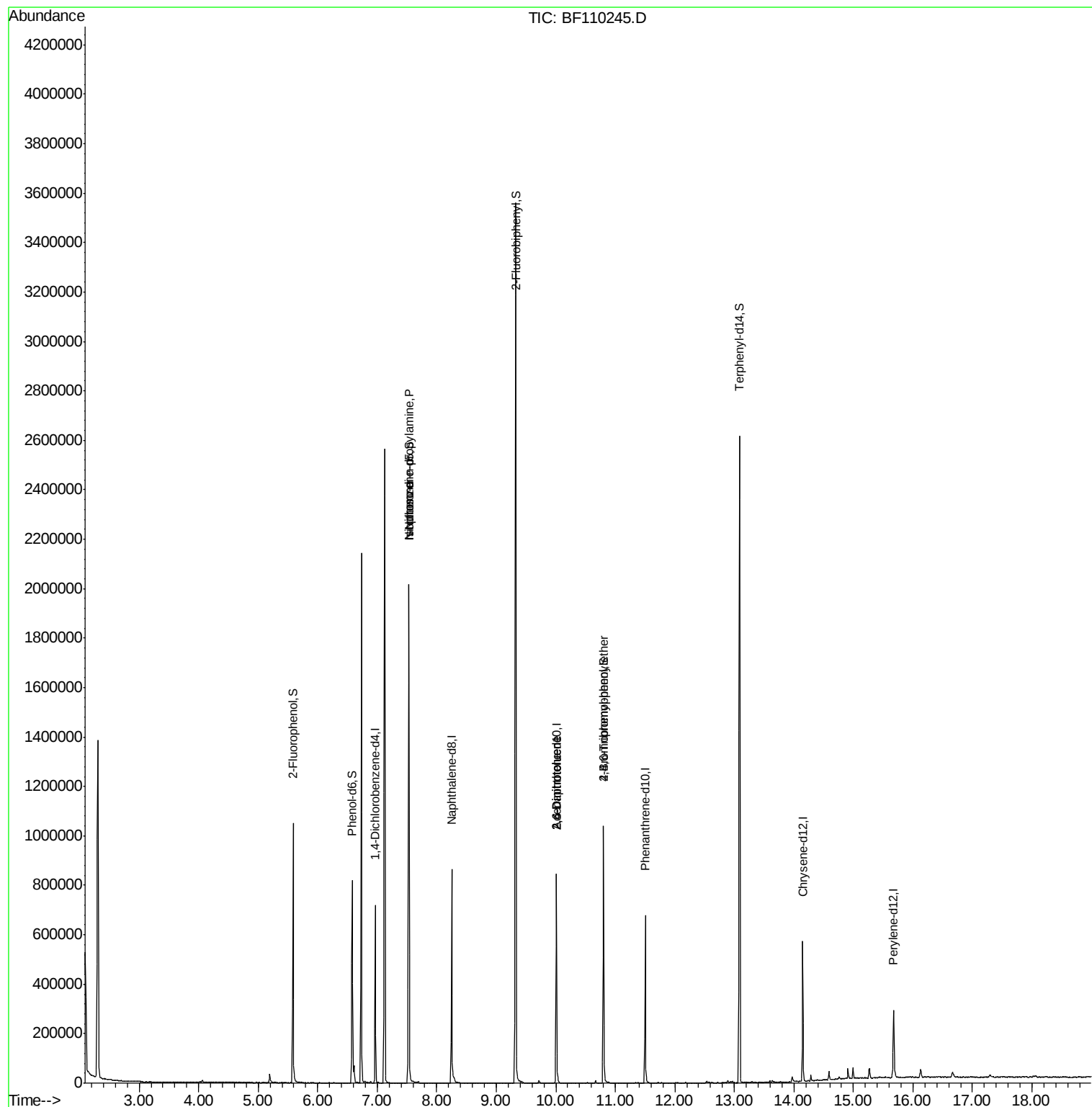
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112920	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	420462	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	169210	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	269889	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	192098	20.00	ng	-0.01
87) Perylene-d12	15.68	264	132412	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	291231	42.00	ng	-0.01
7) Phenol-d6	6.58	99	246422	27.78	ng	-0.02
23) Nitrobenzene-d5	7.53	82	696725	98.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	124780	74.44	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1147905	106.52	ng	-0.01
79) Terphenyl-d14	13.09	244	927542	100.42	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	92814	16.312	ng	# 77
25) Isophorone	7.53	82	696721	57.658	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	20980	7.798	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	20980	6.139	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	7853	2.682	ng	# 1

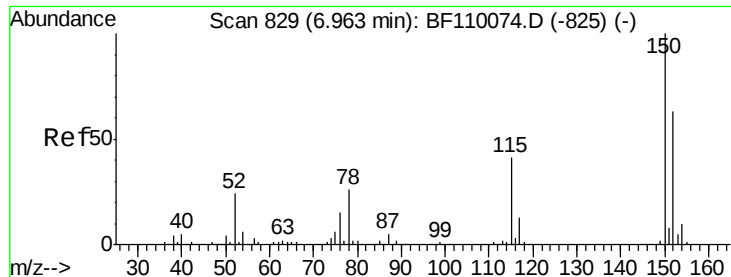
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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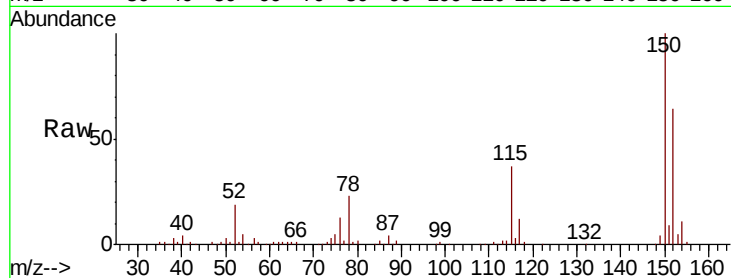


#1

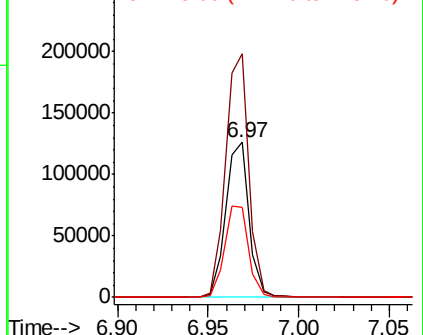
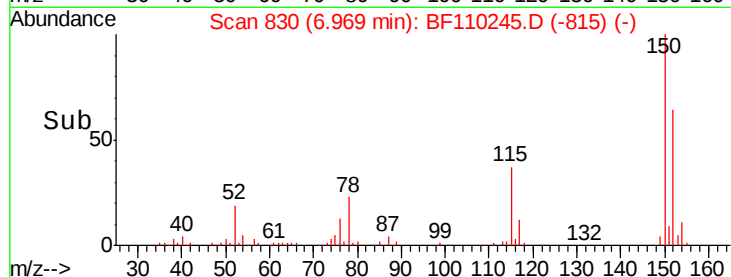
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110245.D
Acq: 27 Oct 2018 7:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112920
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 57.8 49.1 73.7



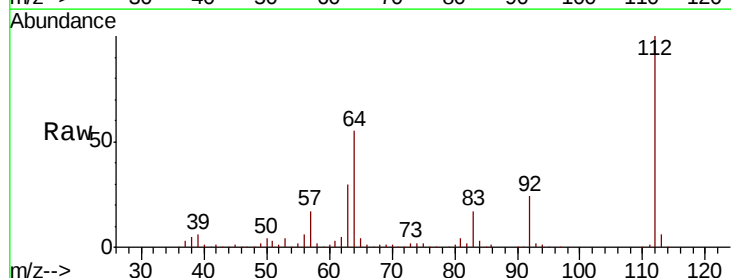
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



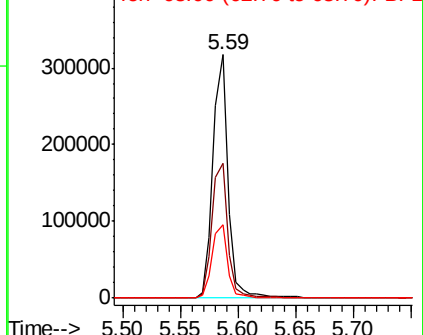
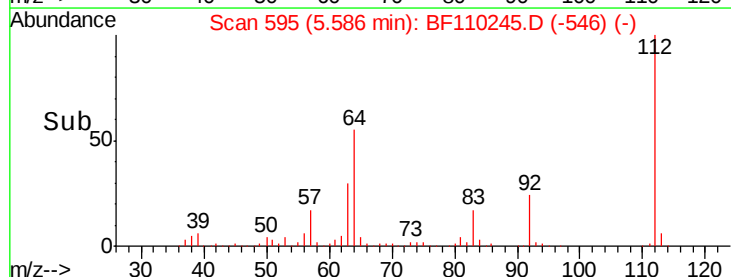
#5

2-Fluorophenol
Concen: 41.999 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110245.D
Acq: 27 Oct 2018 7:22

Tgt Ion:112 Resp: 291231
Ion Ratio Lower Upper
112 100
64 55.5 44.1 66.1
63 30.1 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: 27.783 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

Instrument :

BNA_F

ClientSampleId :

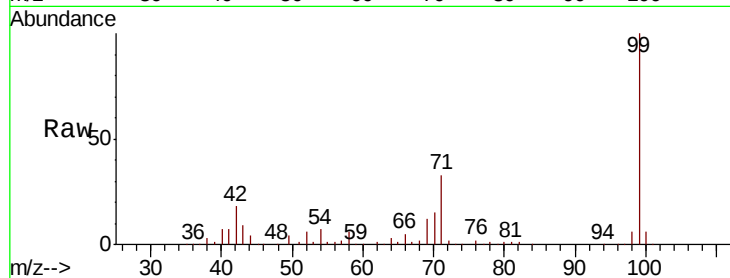
Tot Ion: 99 Resp: 246422

Ion Ratio Lower Upper

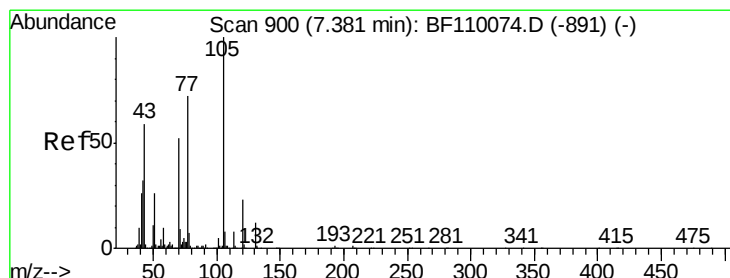
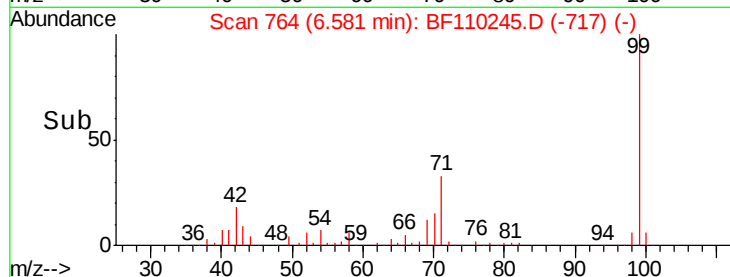
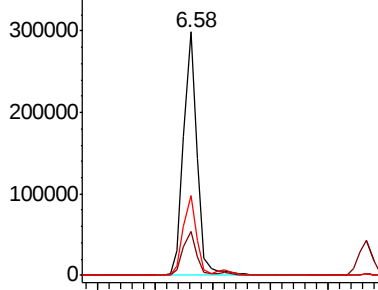
99 100

42 18.1 15.8 23.6

71 32.7 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: 16.312 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

Tgt Ion: 70 Resp: 92814

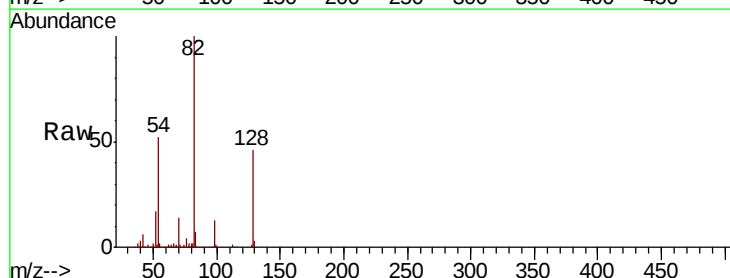
Ion Ratio Lower Upper

70 100

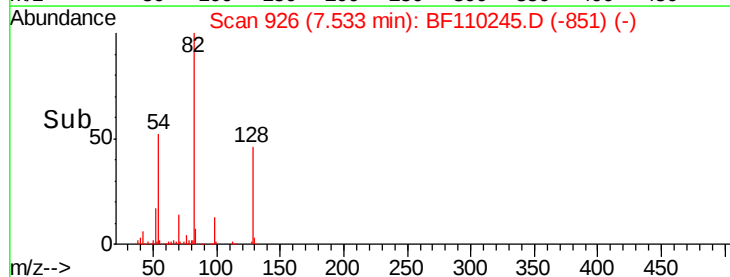
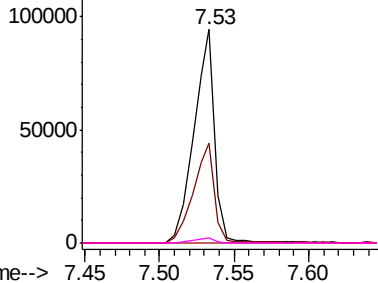
42 46.8 47.4 71.2#

101 0.0 7.3 10.9#

130 2.3 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): E
Ion 130.00 (129.70 to 130.70): E

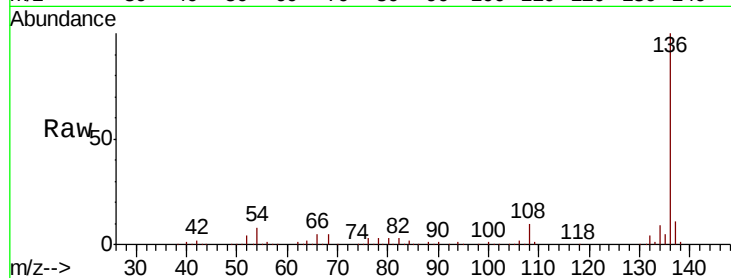




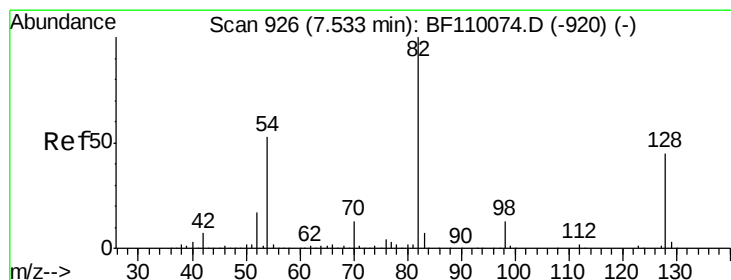
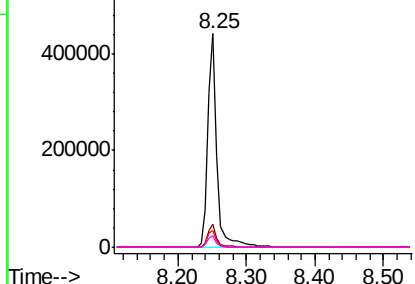
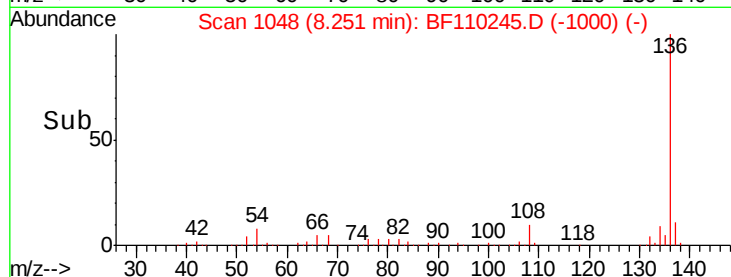
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110245.D
Acq: 27 Oct 2018 7:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 420462
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.8 5.4 8.2
68 5.2 4.2 6.2

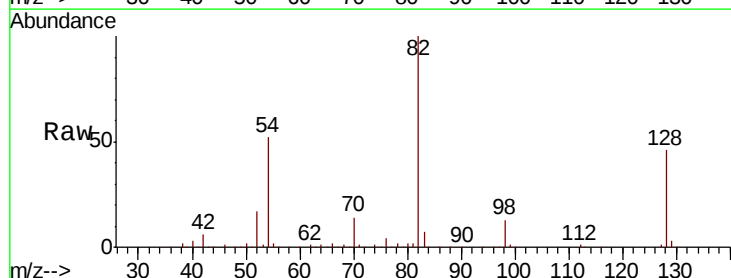


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

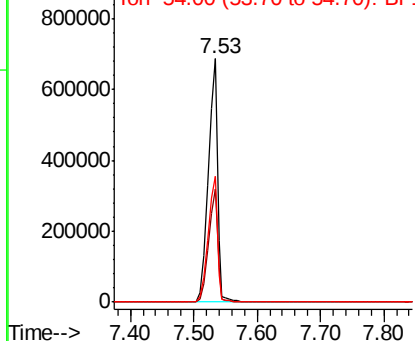
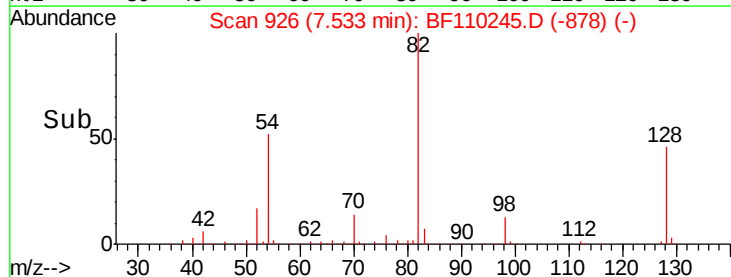


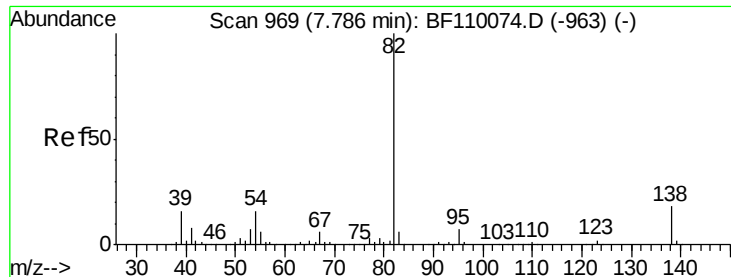
#23
Nitrobenzene-d5
Concen: 98.285 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110245.D
Acq: 27 Oct 2018 7:22

Tgt Ion: 82 Resp: 696725
Ion Ratio Lower Upper
82 100
128 46.3 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: 57.658 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

Instrument :

BNA_F

ClientSampled :

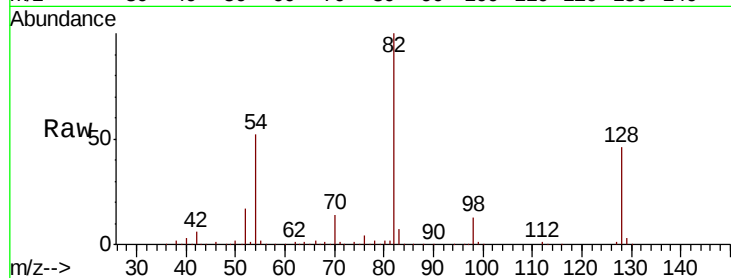
Tot Ion: 82 Resp: 696721

Ion Ratio Lower Upper

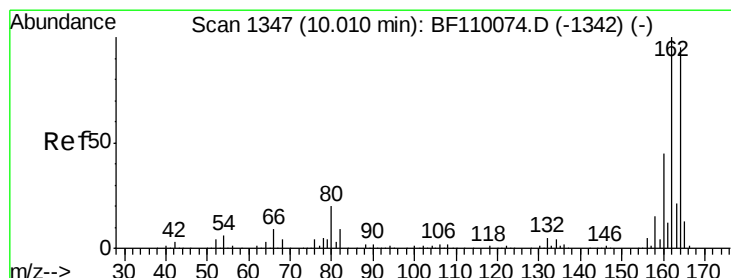
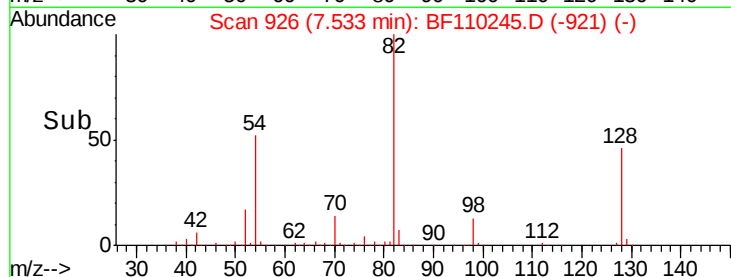
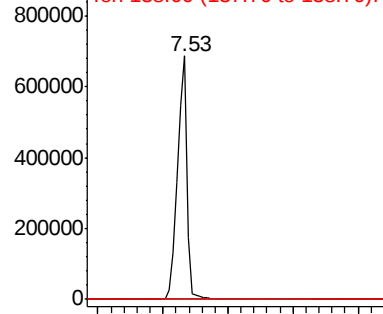
82 100

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: BF110245.D

Acq: 27 Oct 2018 7:22

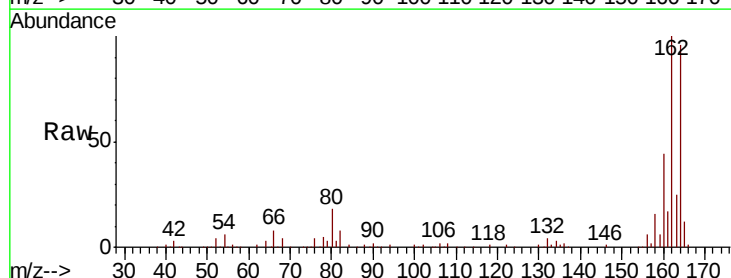
Tgt Ion: 164 Resp: 169210

Ion Ratio Lower Upper

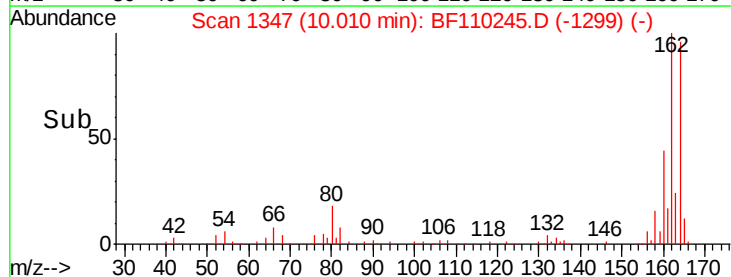
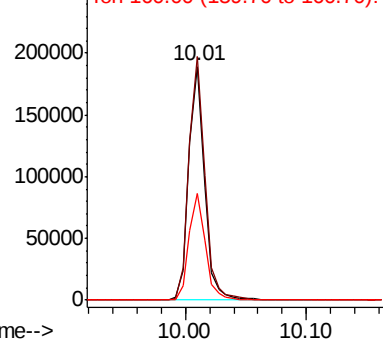
164 100

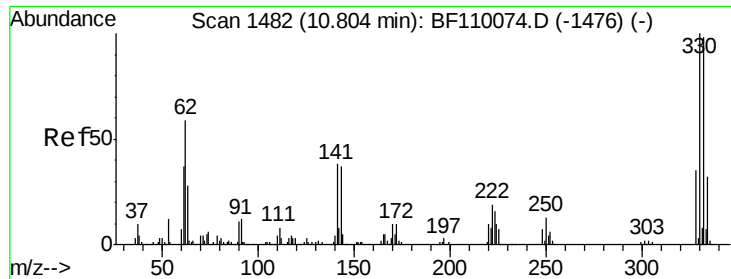
162 104.2 83.0 124.6

160 45.9 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: 74.445 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

Instrument :

BNA_F

ClientSampleId :

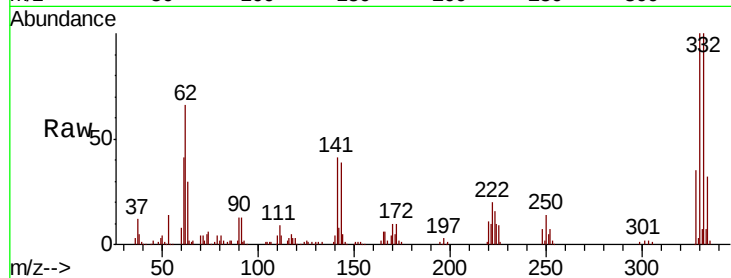
Tot Ion:330 Resp: 124780

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

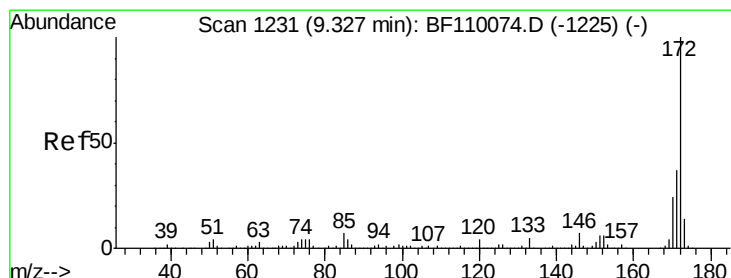
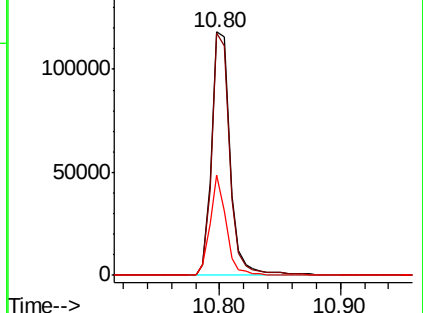
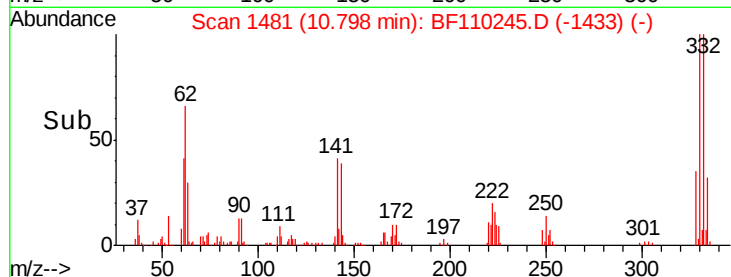
141 35.8 27.0 40.4



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: 106.525 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

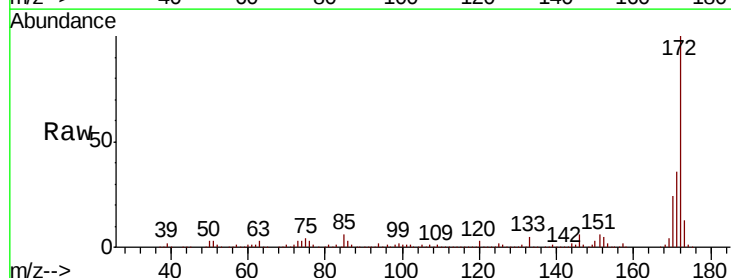
Tgt Ion:172 Resp: 1147905

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

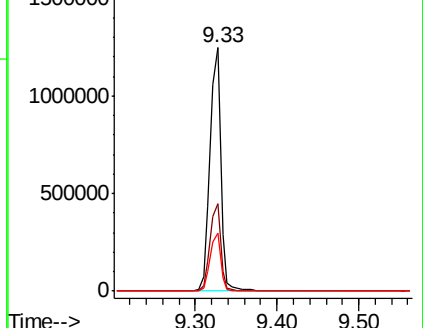
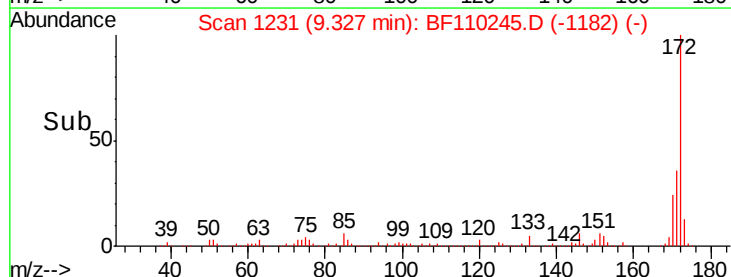
170 23.6 19.7 29.5



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: 7.798 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

Instrument :

BNA_F

ClientSampleId :

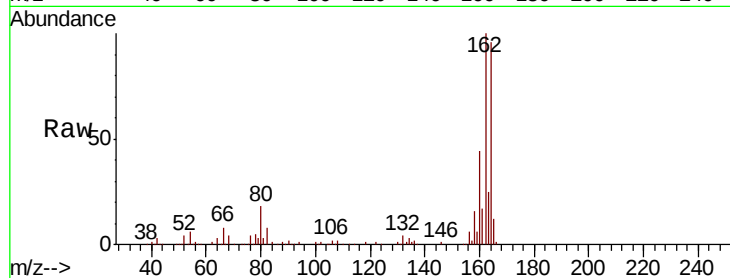
Tot Ion:165 Resp: 20980

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

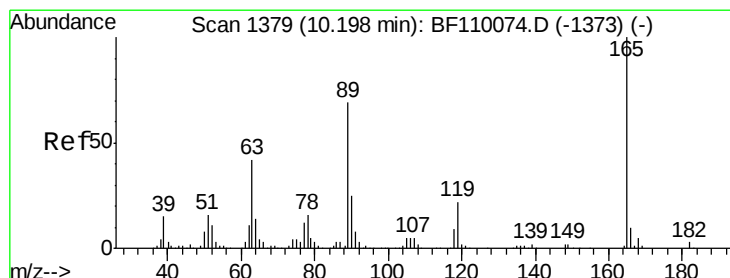
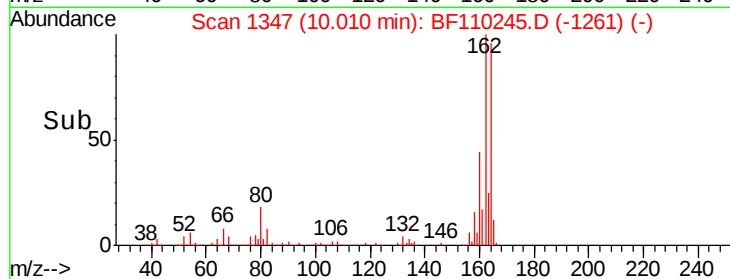
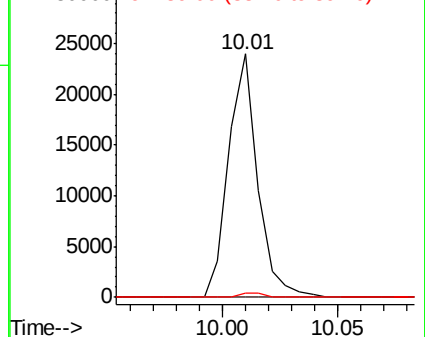
89 1.6 46.6 69.8#



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: 6.139 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

Tgt Ion:165 Resp: 20980

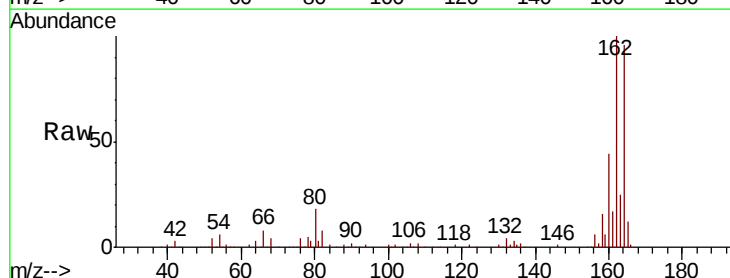
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.6 62.2 93.4#

182 0.0 2.1 3.1#

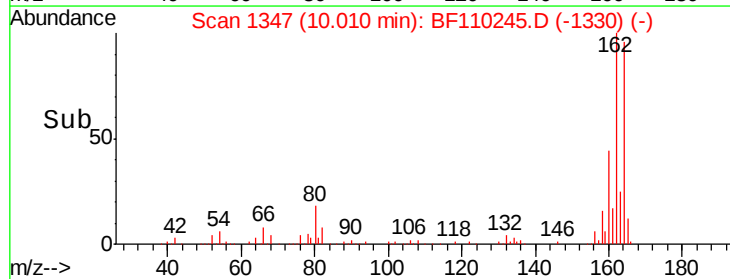
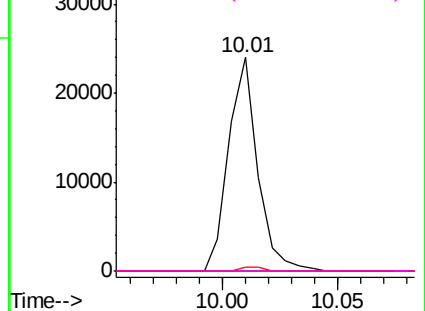


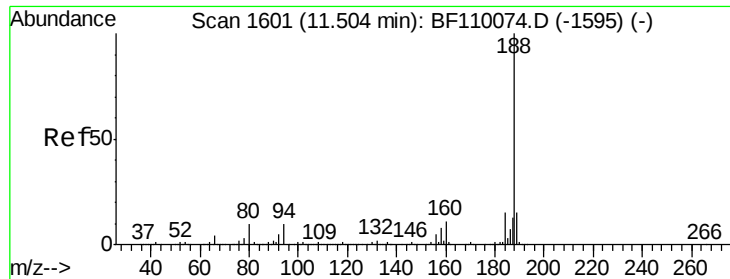
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110245.D

Acq: 27 Oct 2018 7:22

Instrument :

BNA_F

ClientSampleId :

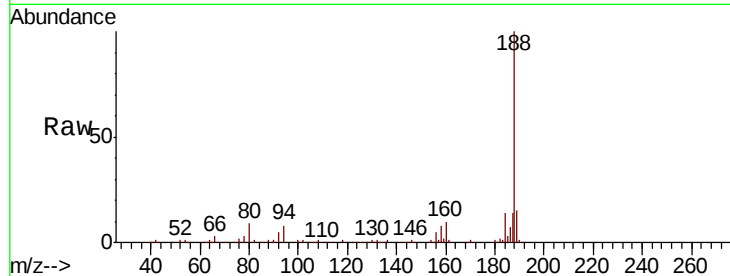
Tot Ion:188 Resp: 269889

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

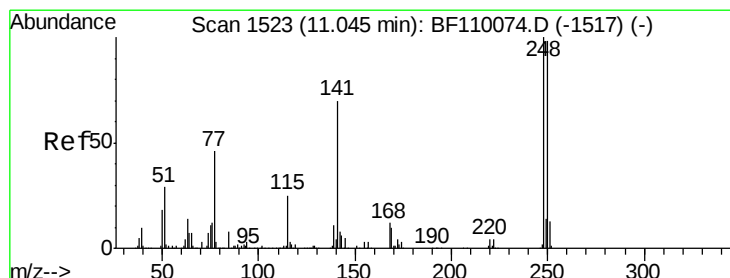
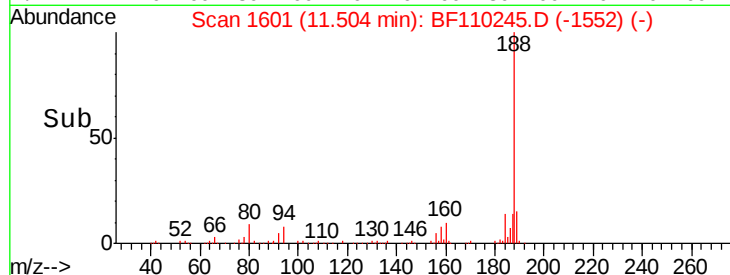
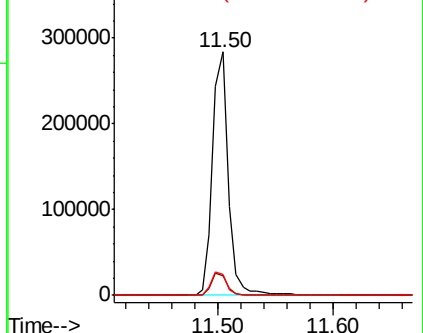
80 8.6 7.9 11.9



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: 2.682 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.26 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

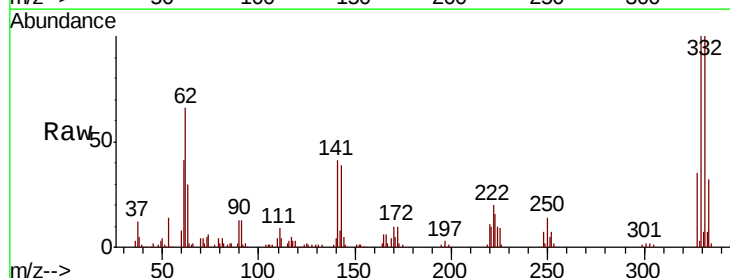
Tgt Ion:248 Resp: 7853

Ion Ratio Lower Upper

248 100

250 193.7 79.4 119.2#

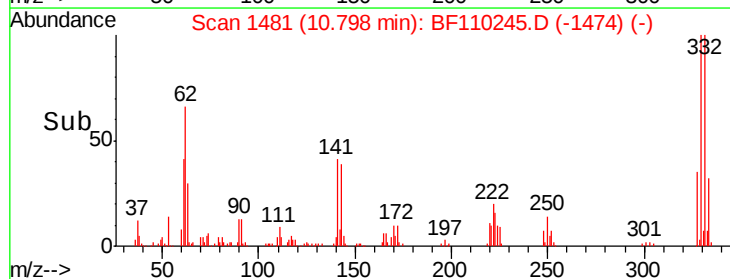
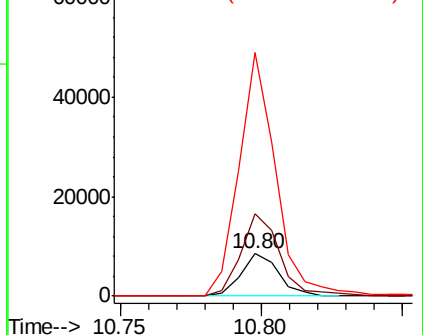
141 575.5 55.9 83.9#

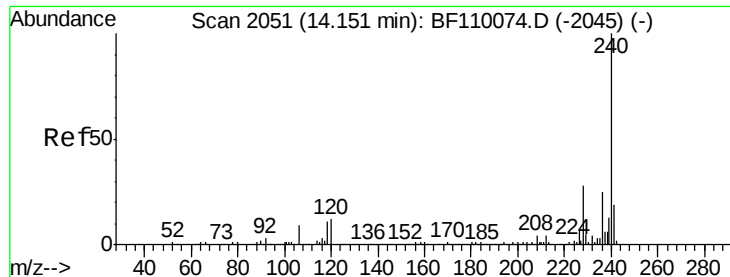


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

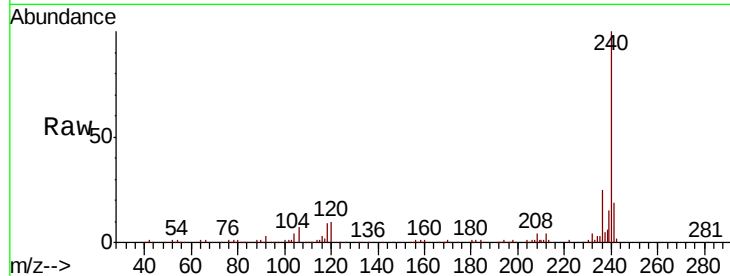




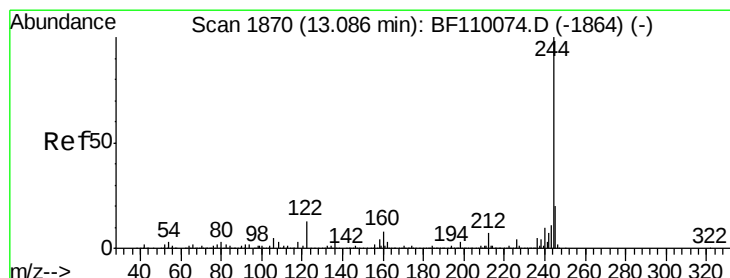
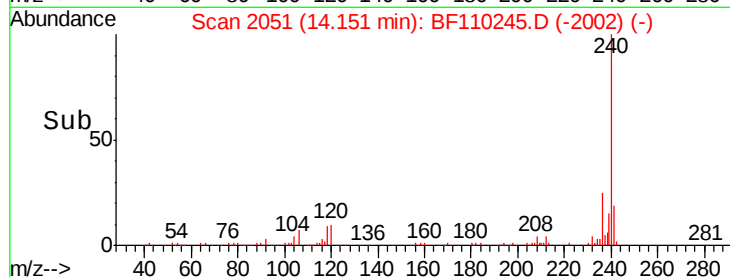
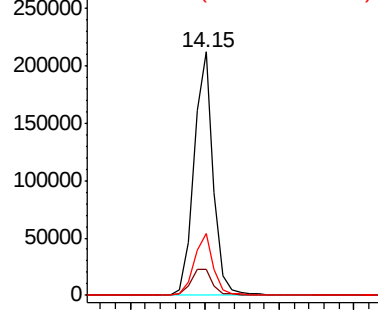
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110245.D
Acq: 27 Oct 2018 7:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 192098
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 25.2 21.2 31.8

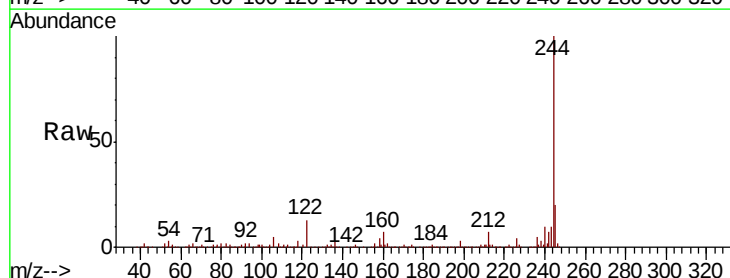


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

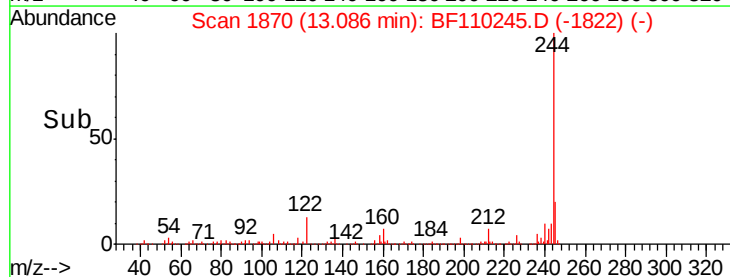
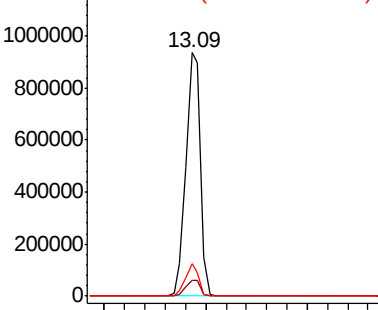


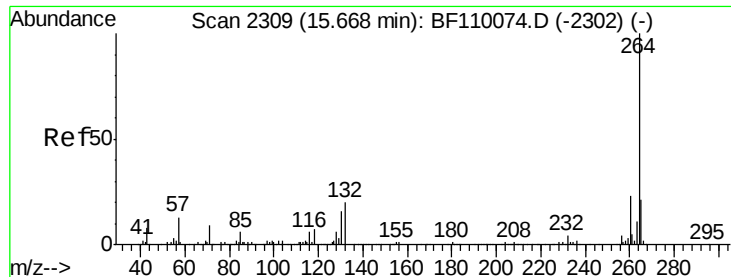
#79
Terphenyl-d14
Concen: 100.418 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110245.D
Acq: 27 Oct 2018 7:22

Tgt Ion:244 Resp: 927542
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 13.2 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: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110245.D
Acq: 27 Oct 2018 7:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.7	28.1
265	19.0	16.7	25.1

