

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110234.D
 Acq On : 27 Oct 2018 2:22
 Operator : JU/SJ
 Sample : J5686-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 06:30:50 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

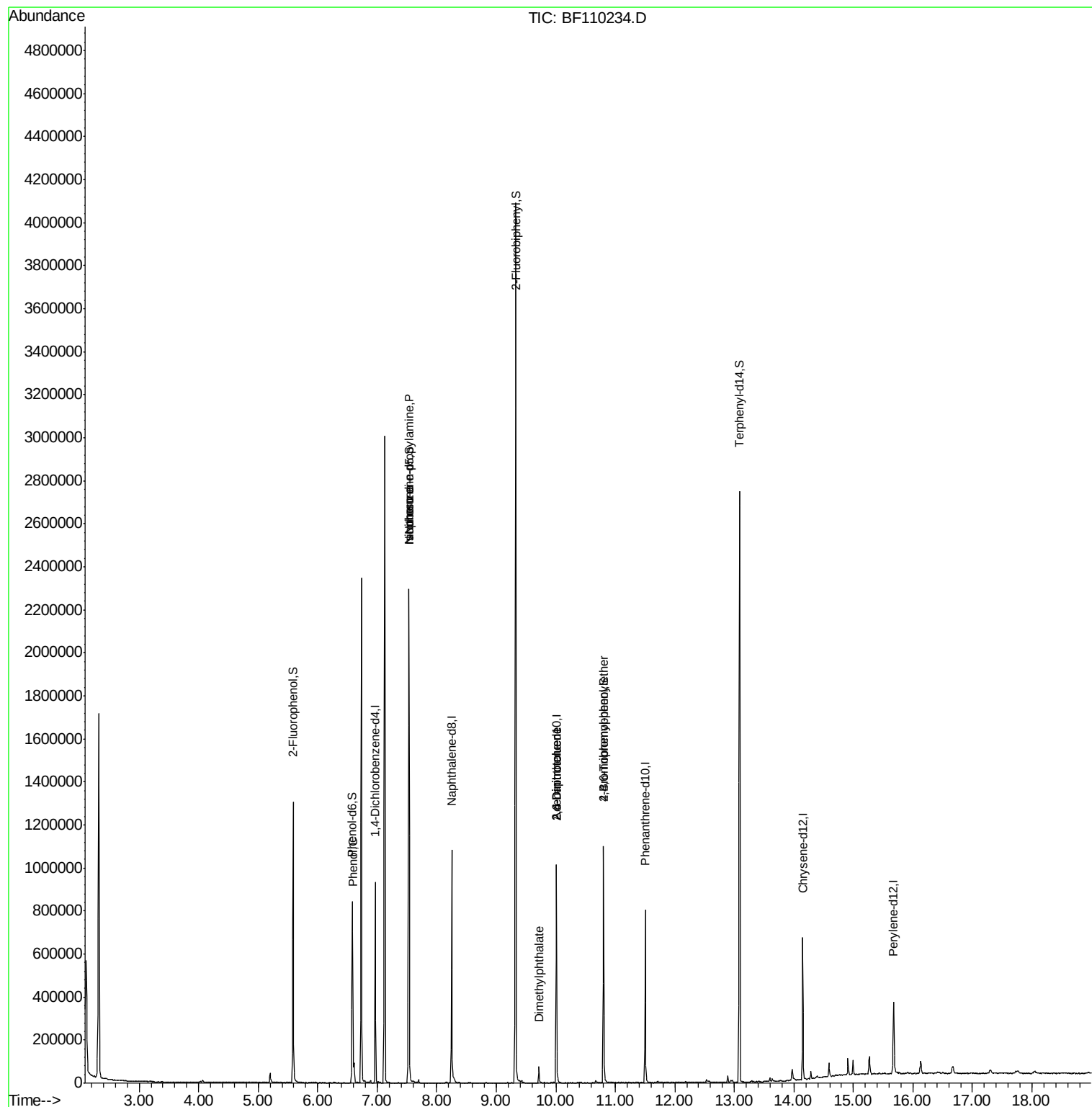
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	135696	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	494741	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	193493	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	302498	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	216472	20.00	ng	-0.01
87) Perylene-d12	15.68	264	145481	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	348795	41.86	ng	-0.01
7) Phenol-d6	6.58	99	268524	25.19	ng	-0.02
23) Nitrobenzene-d5	7.53	82	812997	97.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	139832	72.96	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1281989	104.04	ng	-0.01
79) Terphenyl-d14	13.09	244	995328	95.62	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	705	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	39862	3.499 ng	#	68
19) n-Nitroso-di-n-propylamine	7.53	70	108319	15.841 ng	#	79
25) Isophorone	7.53	82	812992	57.179 ng	#	67
50) Dimethylphthalate	9.72	163	34825	2.438 ng		99
51) 2,6-Dinitrotoluene	10.01	165	24026	7.809 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	24026	6.148 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	9013	2.747 ng	#	1

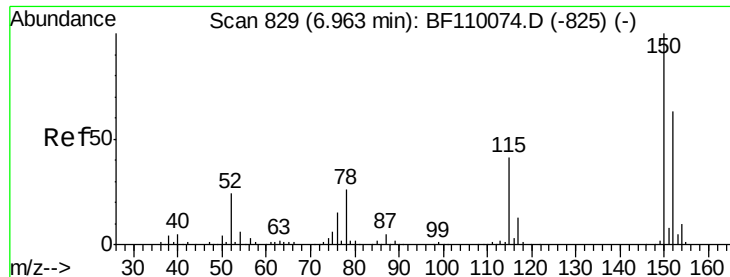
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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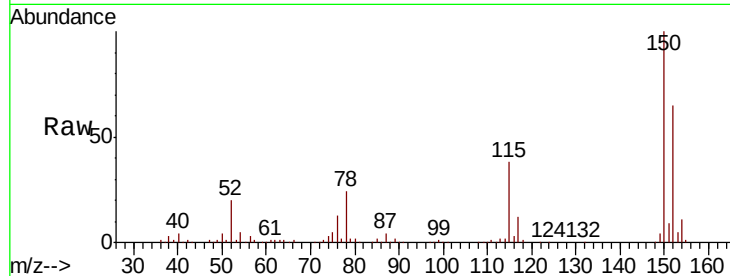


#1

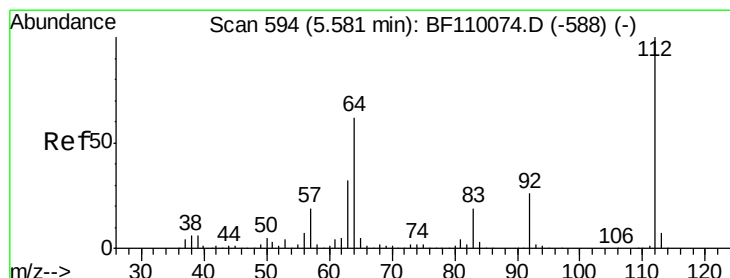
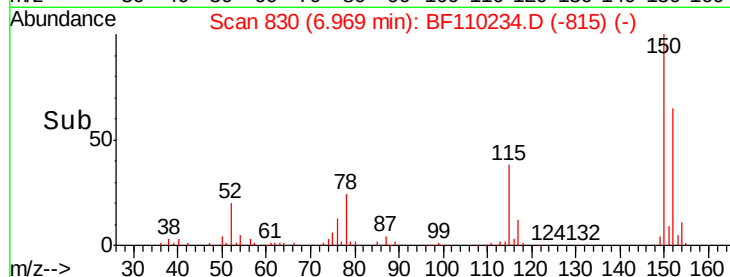
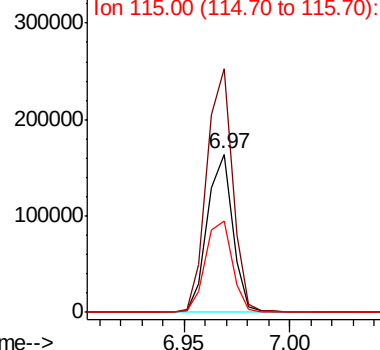
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135696
Ion Ratio Lower Upper
152 100
150 153.9 122.7 184.1
115 58.1 49.1 73.7



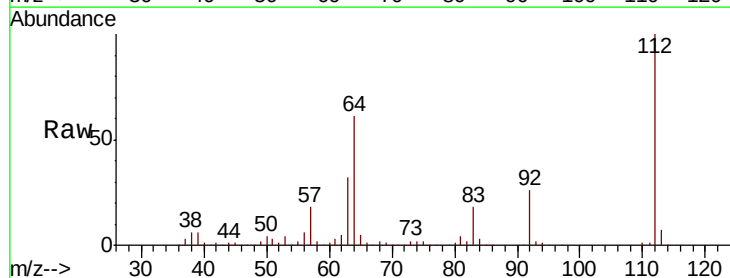
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



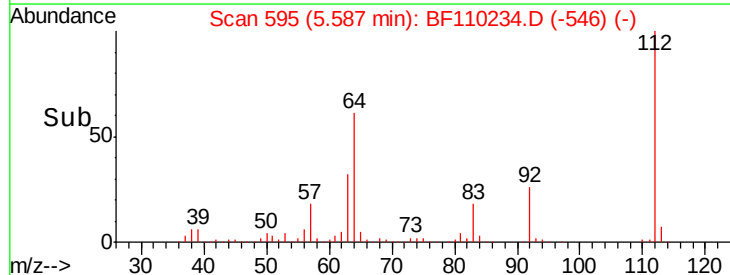
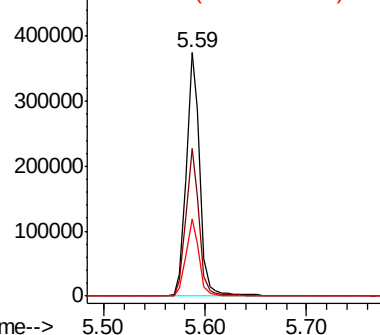
#5

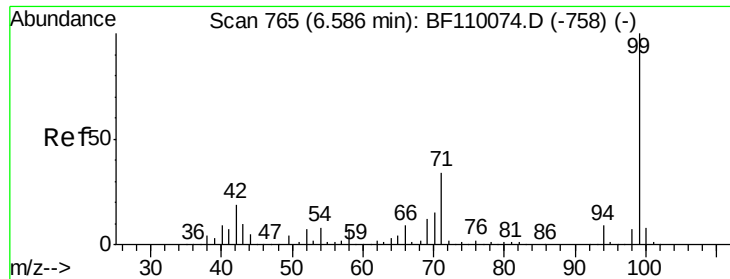
2-Fluorophenol
Concen: 41.858 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion:112 Resp: 348795
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 31.6 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: 25.194 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110234.D

Acq: 27 Oct 2018 2:22

Instrument :

BNA_F

ClientSampleId :

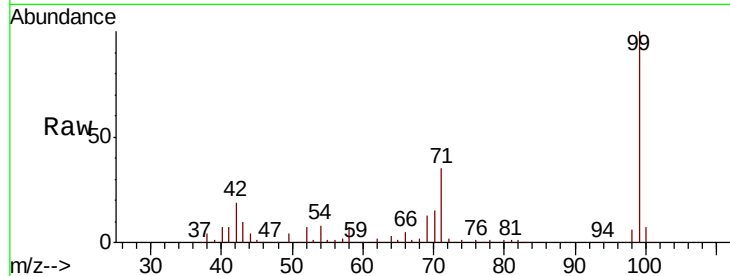
Tot Ion: 99 Resp: 268524

Ion Ratio Lower Upper

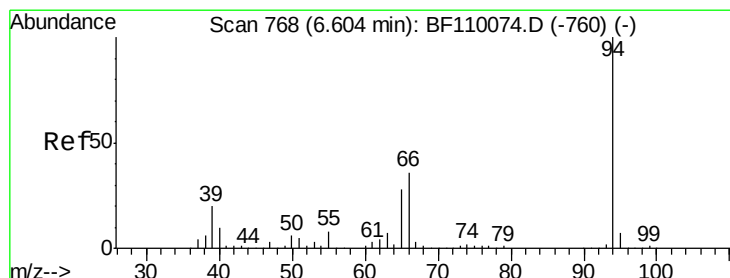
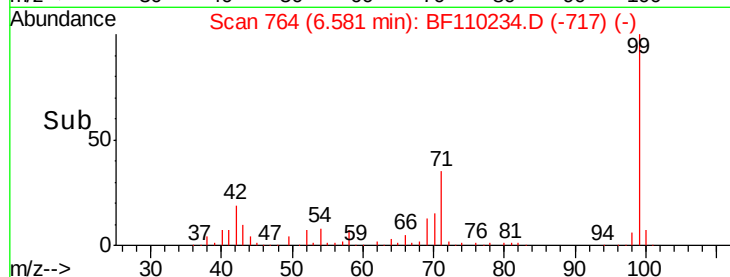
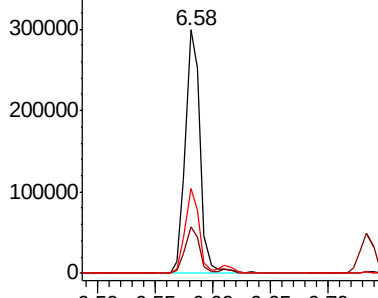
99 100

42 19.1 15.8 23.6

71 34.7 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



#10

Phenol

Concen: 3.499 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110234.D

Acq: 27 Oct 2018 2:22

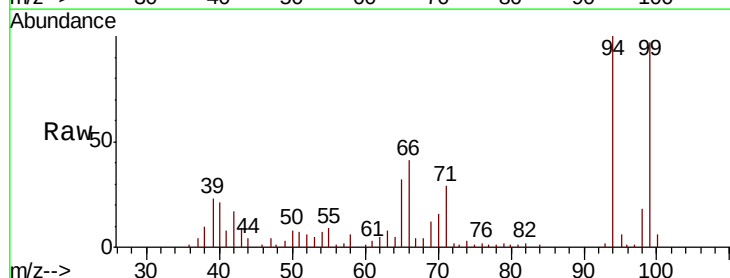
Tgt Ion: 94 Resp: 39862

Ion Ratio Lower Upper

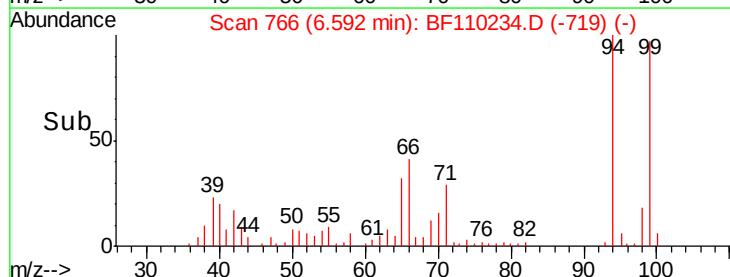
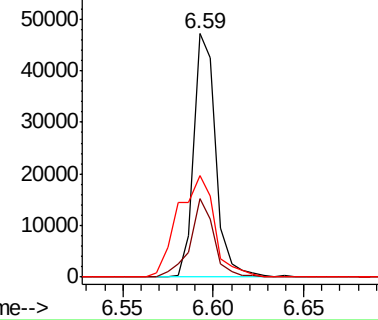
94 100

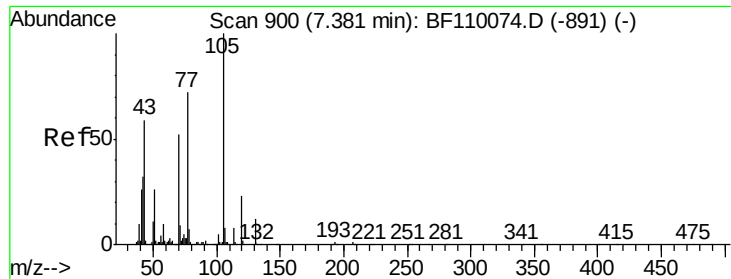
65 32.3 25.3 65.3

66 41.5 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

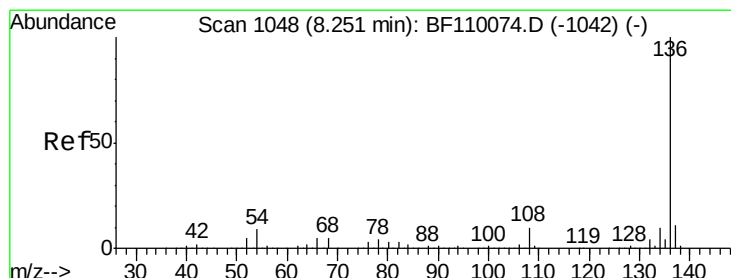
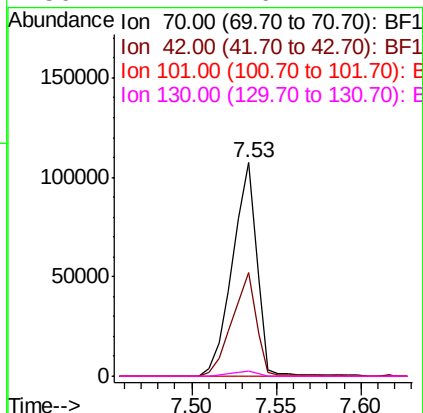
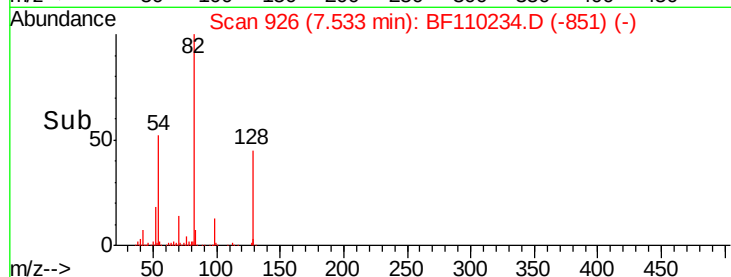
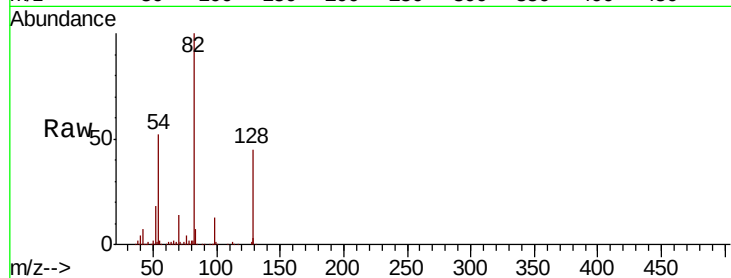




#19
n-Nitroso-di-n-propylamine
Concen: 15.841 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

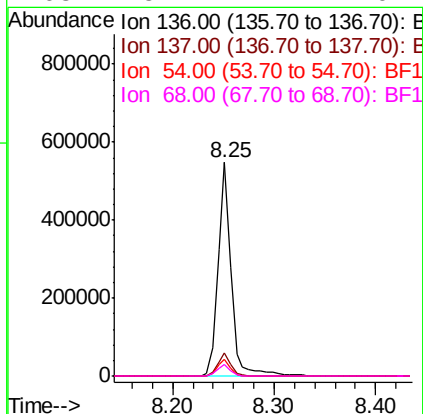
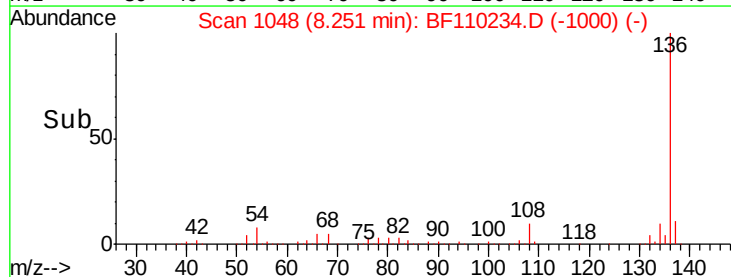
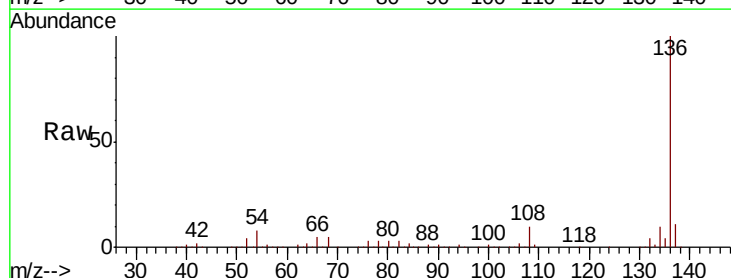
Instrument :
BNA_F
ClientSampleId :

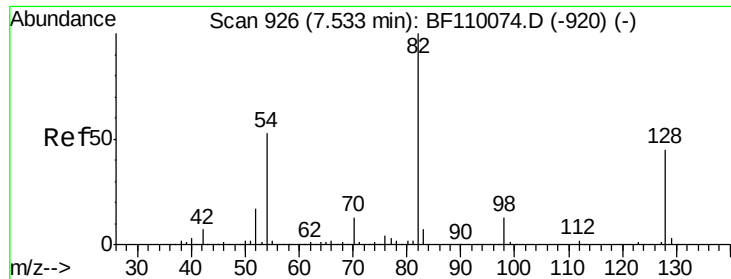
Tot Ion: 70 Resp: 108319
Ion Ratio Lower Upper
70 100
42 48.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion: 136 Resp: 494741
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 5.4 8.2
68 5.4 4.2 6.2

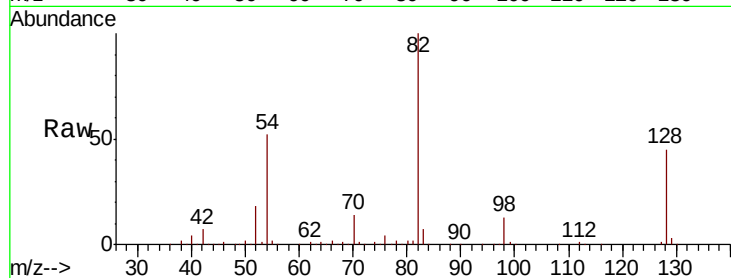




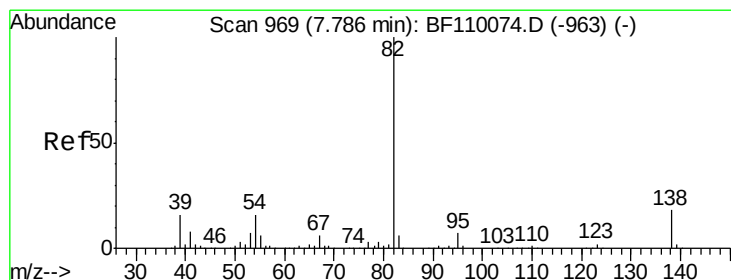
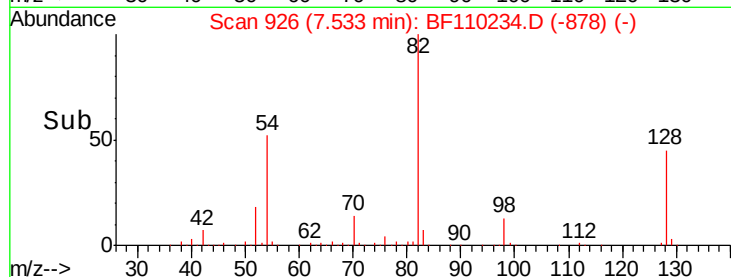
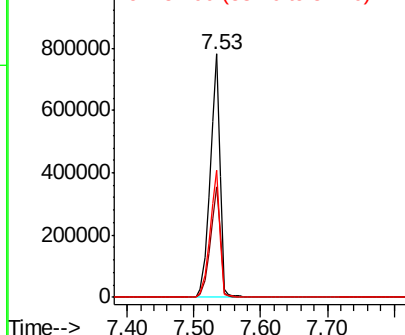
#23
Nitrobenzene-d5
Concen: 97.468 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	812997
Ion Ratio	100	Lower	Upper
128	45.2	34.2	51.2
54	52.0	38.6	58.0

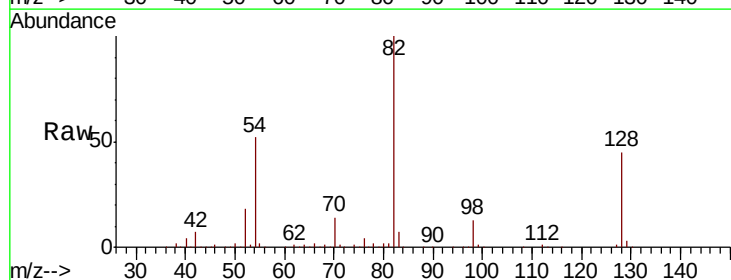


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

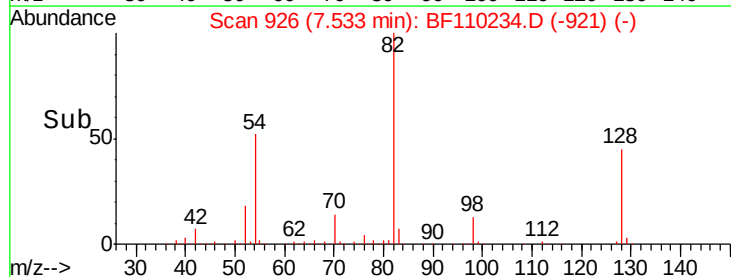
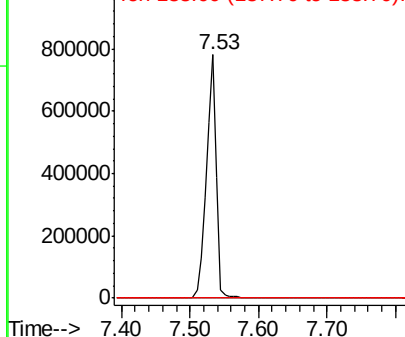


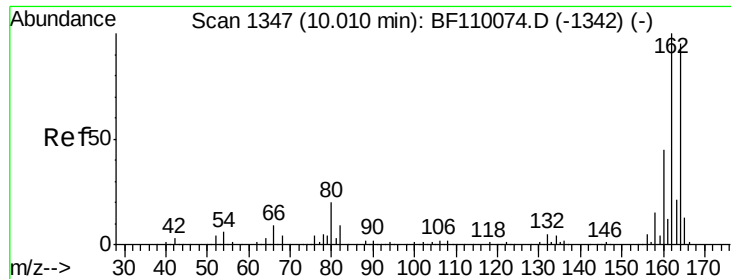
#25
Isophorone
Concen: 57.179 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion	82	Resp	812992
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: BF110234.D

Acq: 27 Oct 2018 2:22

Instrument :

BNA_F

ClientSampleId :

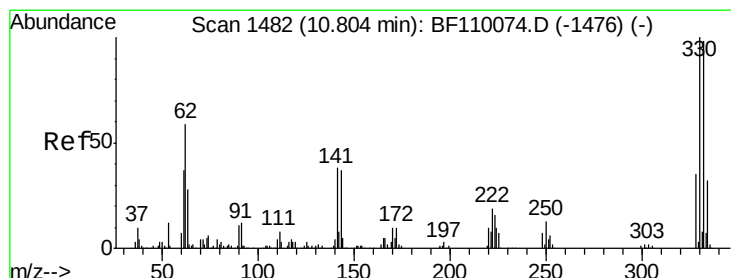
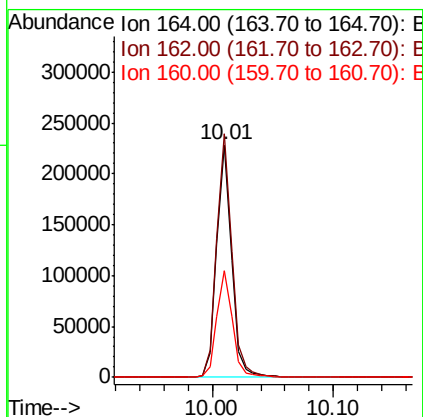
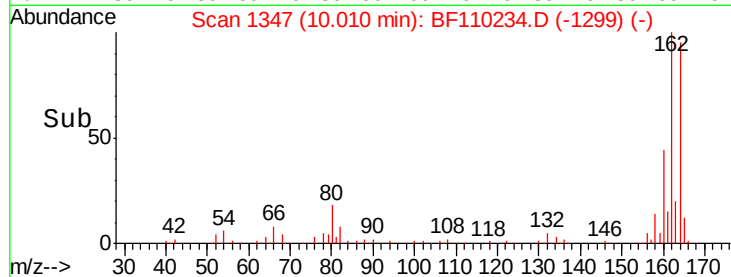
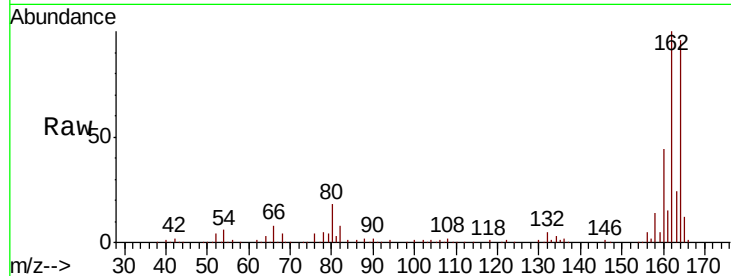
Tot Ion:164 Resp: 193493

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.6

160 45.7 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 72.955 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110234.D

Acq: 27 Oct 2018 2:22

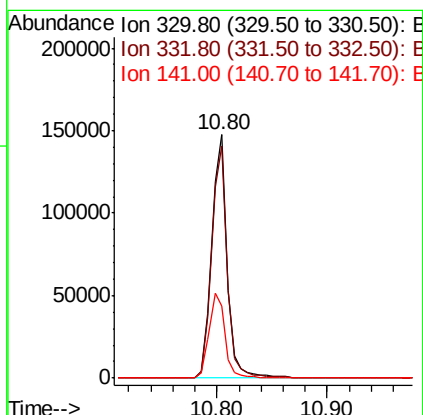
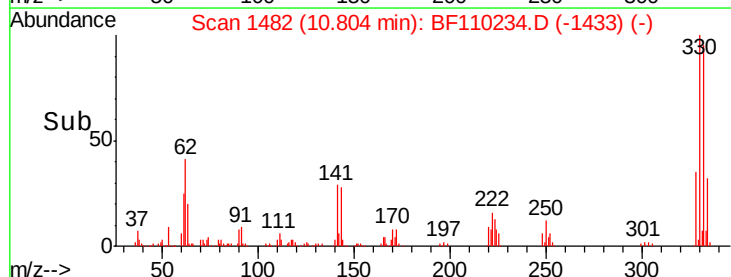
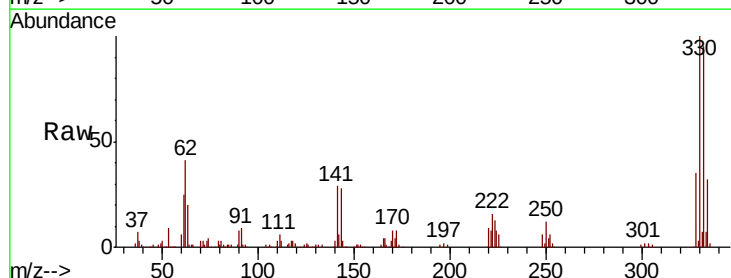
Tgt Ion:330 Resp: 139832

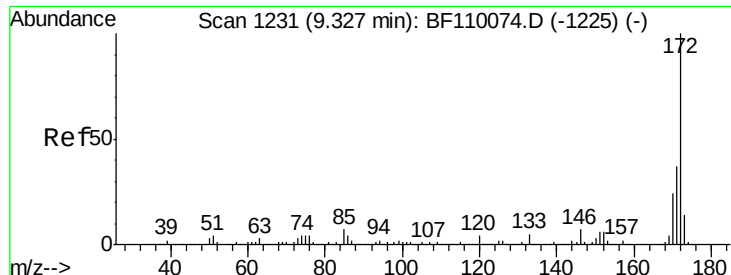
Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 35.7 27.0 40.4



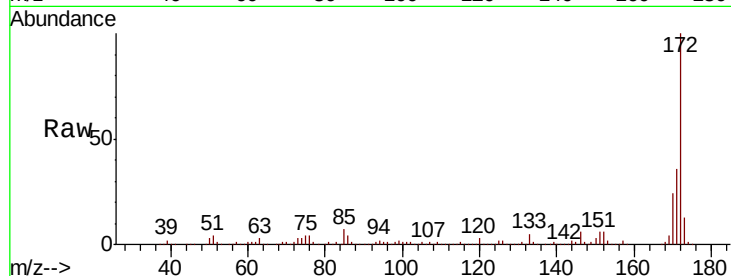


#45
 2-Fluorobiphenyl
 Concen: 104.038 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110234.D
 Acq: 27 Oct 2018 2:22

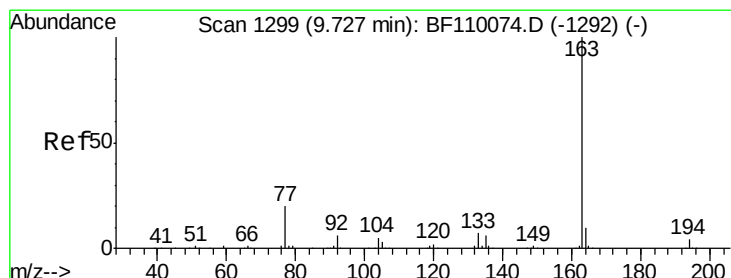
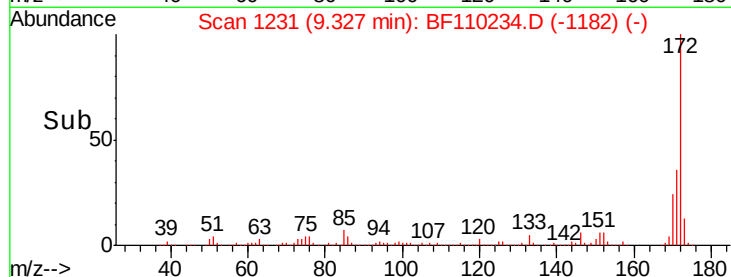
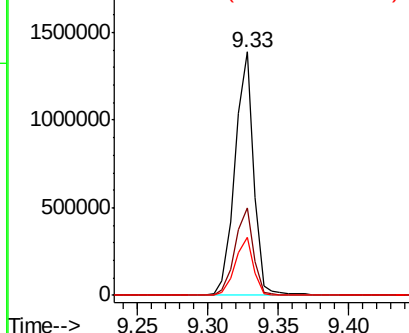
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1281989

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.1	19.7	29.5



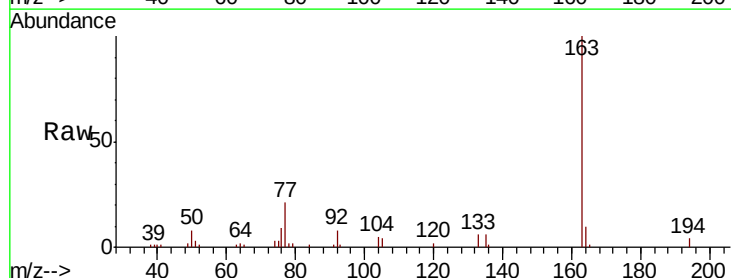
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



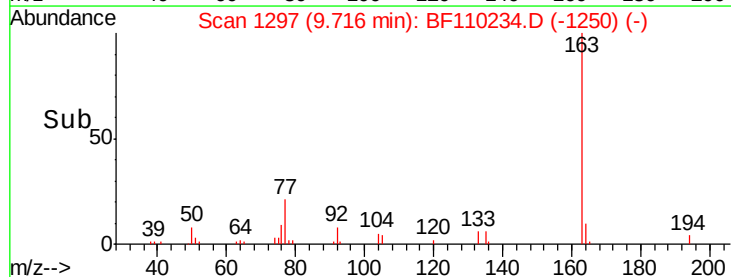
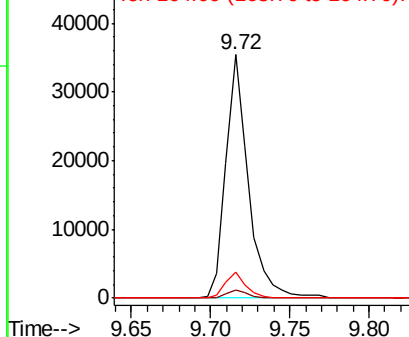
#50
 Dimethylphthalate
 Concen: 2.438 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF110234.D
 Acq: 27 Oct 2018 2:22

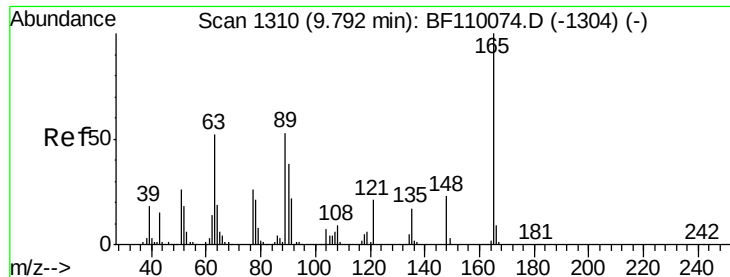
Tgt Ion:163 Resp: 34825

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.5	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: 7.809 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110234.D

Acq: 27 Oct 2018 2:22

Instrument :

BNA_F

ClientSampleId :

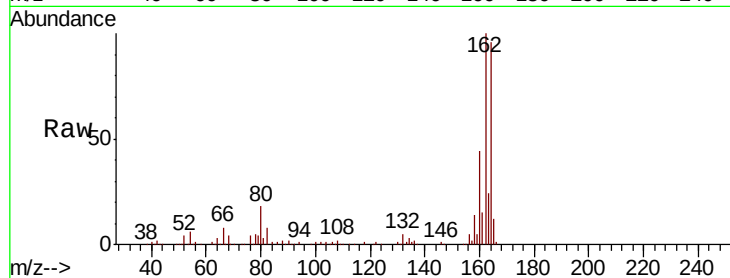
Tot Ion:165 Resp: 24026

Ion Ratio Lower Upper

165 100

63 2.1 48.9 73.3#

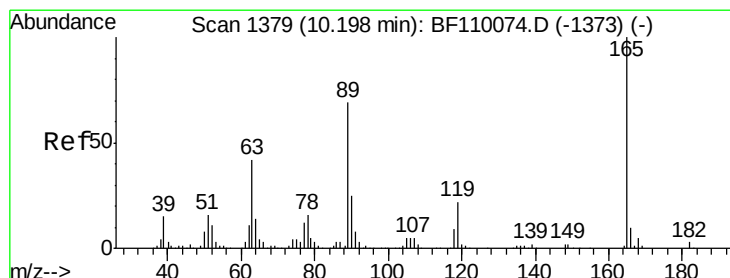
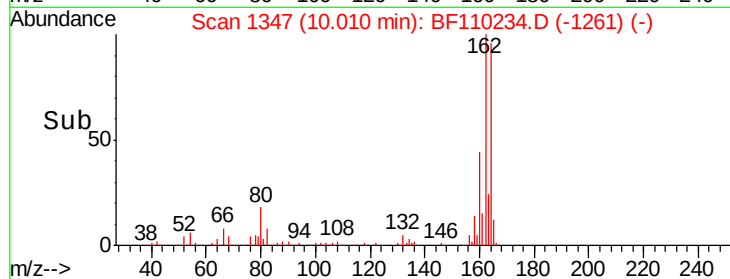
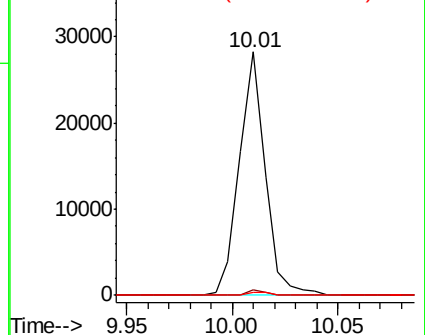
89 1.1 46.6 69.8#



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: 6.148 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110234.D

Acq: 27 Oct 2018 2:22

Tgt Ion:165 Resp: 24026

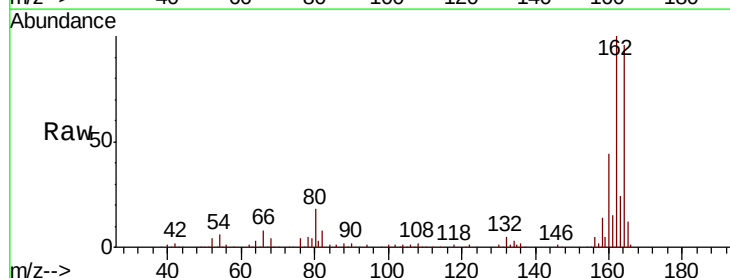
Ion Ratio Lower Upper

165 100

63 2.1 44.8 67.2#

89 1.1 62.2 93.4#

182 0.0 2.1 3.1#

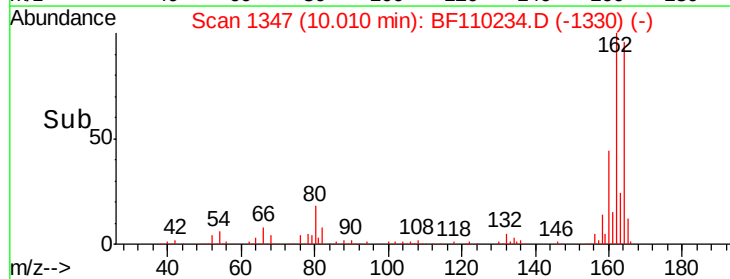
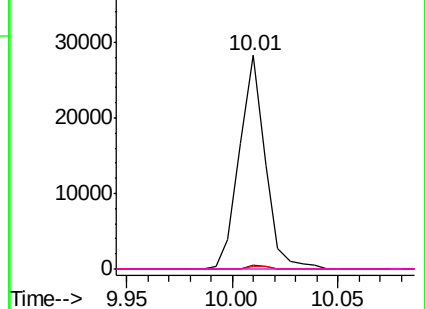


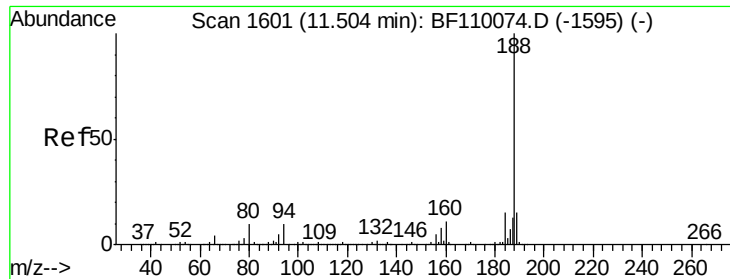
Abundance Ion 165.00 (164.70 to 165.70): E

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

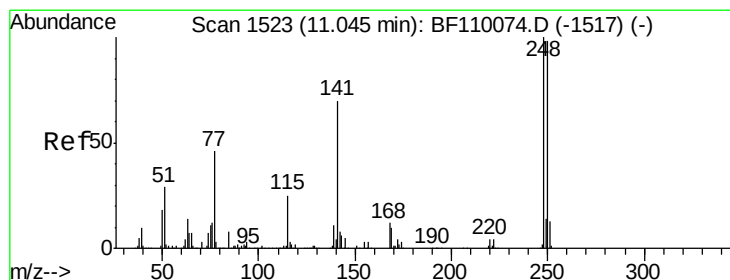
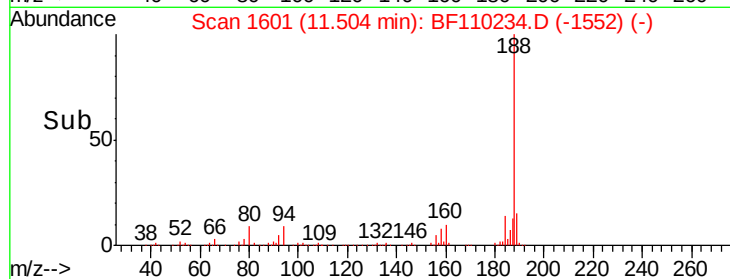
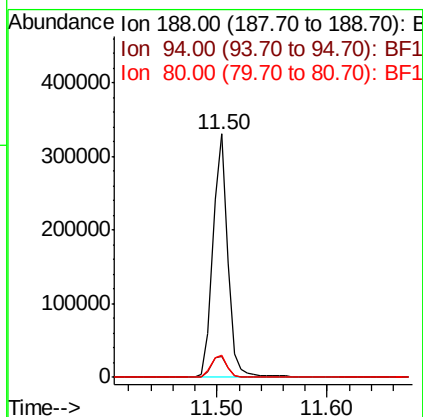
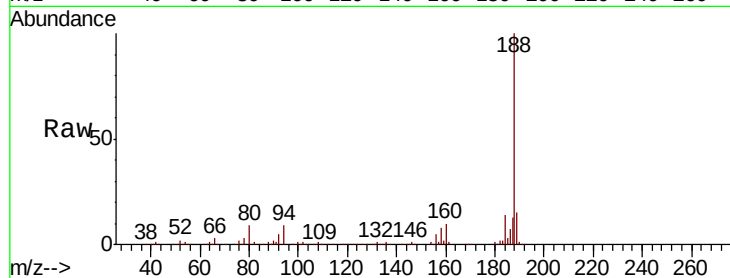




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110234.D
 Acq: 27 Oct 2018 2:22

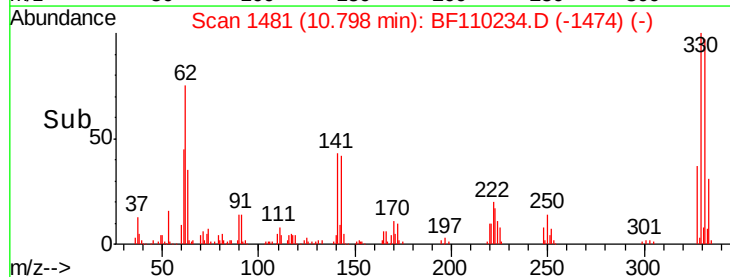
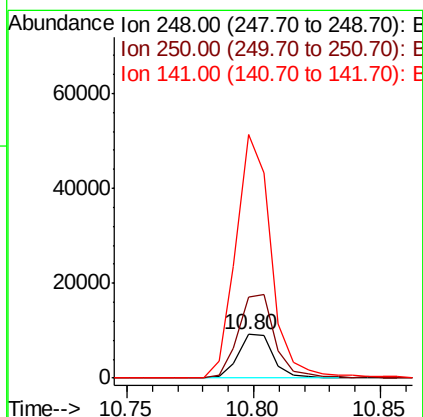
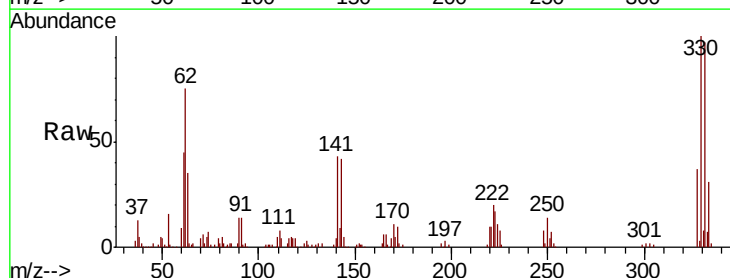
Instrument :
 BNA_F
 ClientSampled :

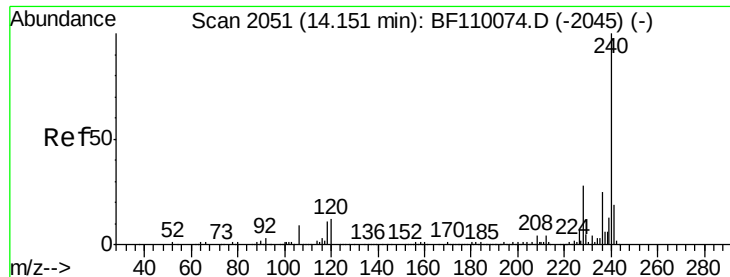
Tot Ion:188 Resp: 302498
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.2 10.8
 80 9.3 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.747 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.26 min
 Lab File: BF110234.D
 Acq: 27 Oct 2018 2:22

Tgt Ion:248 Resp: 9013
 Ion Ratio Lower Upper
 248 100
 250 185.0 79.4 119.2#
 141 558.0 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: BF110234.D

Acq: 27 Oct 2018 2:22

Instrument :

BNA_F

ClientSampleId :

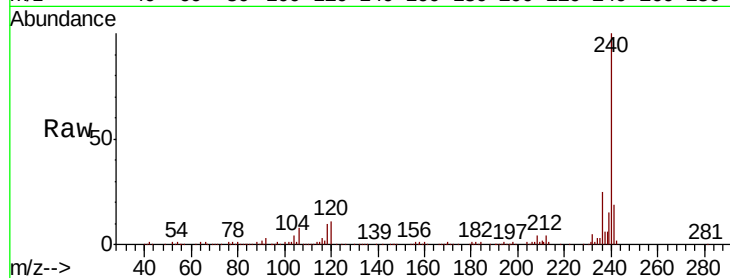
Tot Ion:240 Resp: 216472

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

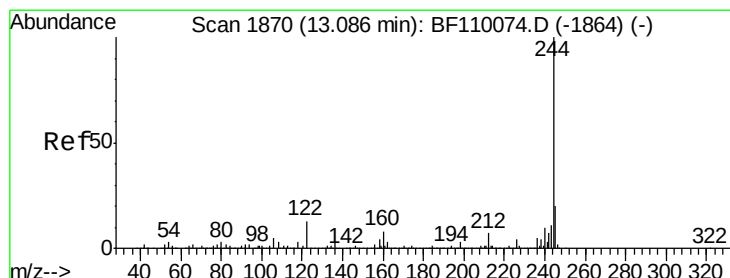
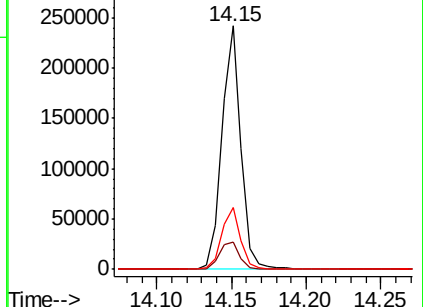
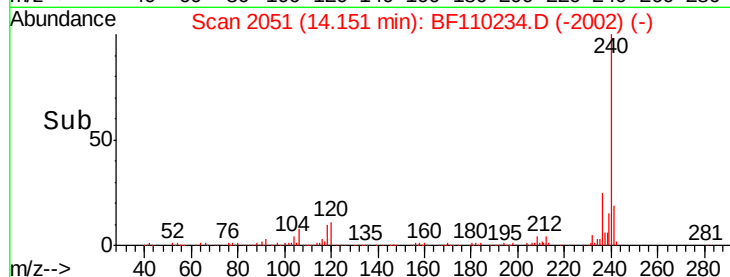
236 25.5 21.2 31.8



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: 95.624 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110234.D

Acq: 27 Oct 2018 2:22

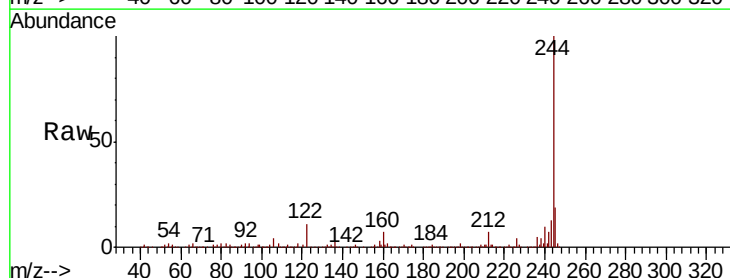
Tgt Ion:244 Resp: 995328

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

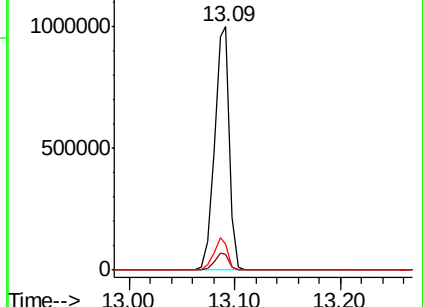
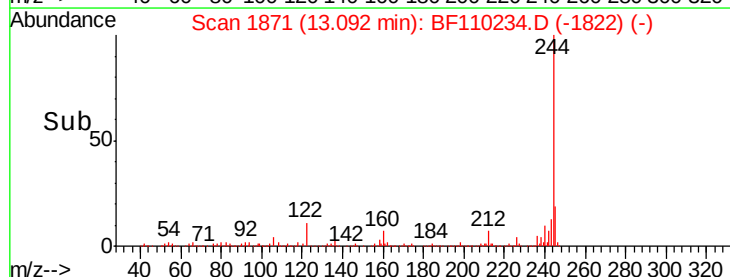
122 10.7 8.7 13.1

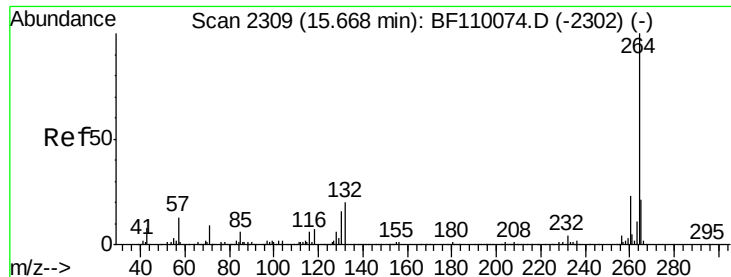


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

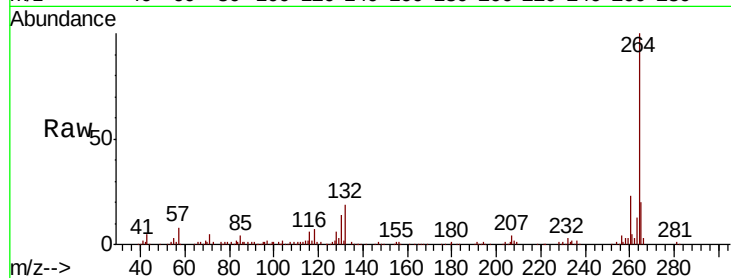




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF110234.D
 Acq: 27 Oct 2018 2:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.0	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

