

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110143.D
 Acq On : 25 Oct 2018 5:04
 Operator : JU/SJ
 Sample : J5640-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 09:25:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

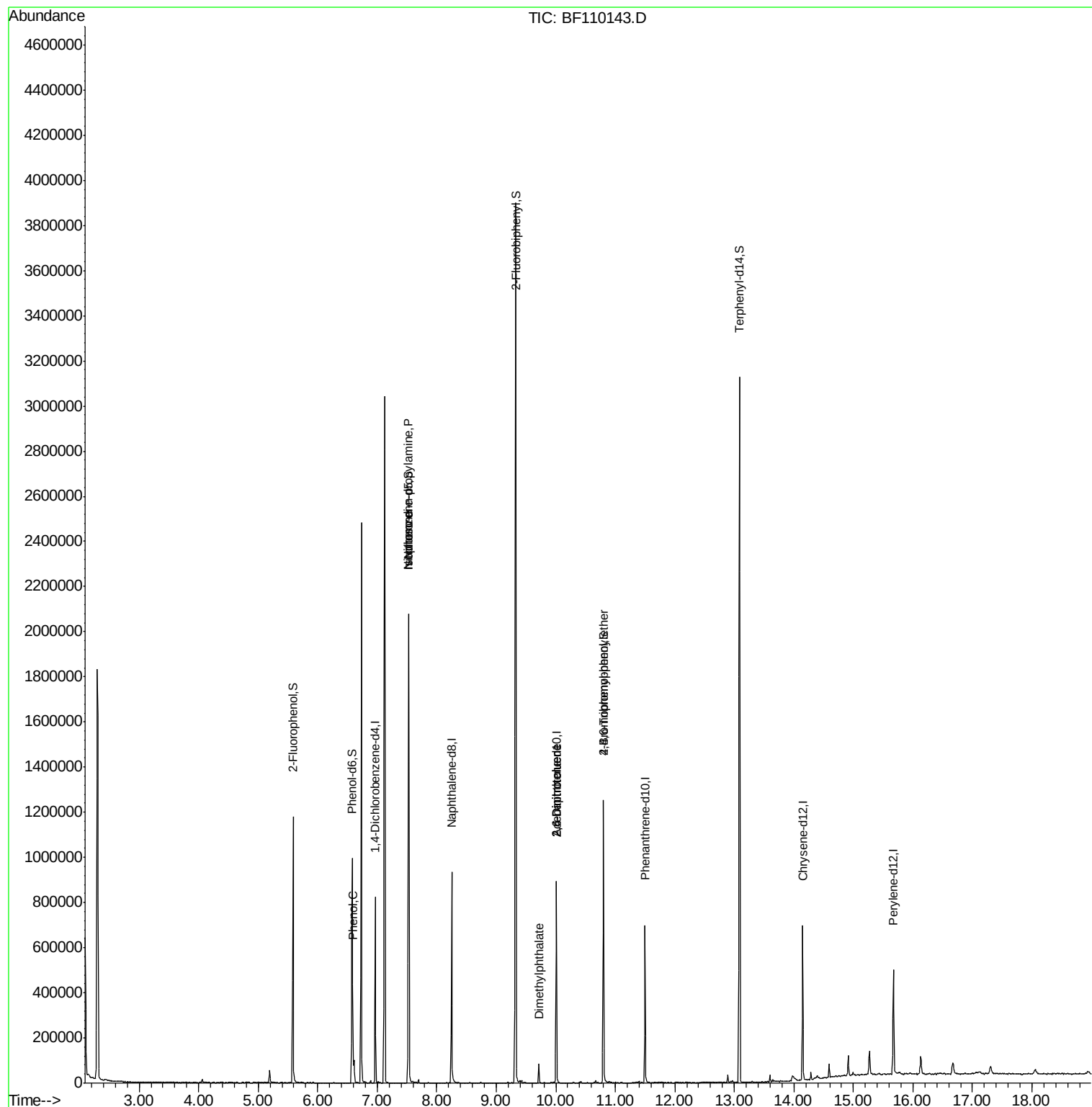
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127410	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	439465	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	164630	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	271918	20.00	ng	0.00
76) Chrysene-d12	14.14	240	245791	20.00	ng	0.00
87) Perylene-d12	15.67	264	167868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	339966	43.45	ng	0.00
7) Phenol-d6	6.58	99	291876	29.17	ng	0.00
23) Nitrobenzene-d5	7.53	82	756887	102.15	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	133086	81.61	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1246831	118.92	ng	0.00
79) Terphenyl-d14	13.09	244	1033355	87.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	777	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	46800	4.375 ng	#	62
19) n-Nitroso-di-n-propylamine	7.53	70	101601	15.825 ng	#	80
25) Isophorone	7.53	82	756881	59.928 ng	#	67
50) Dimethylphthalate	9.72	163	37296	3.069 ng		99
51) 2,6-Dinitrotoluene	10.01	165	20442	7.809 ng	#	22
57) 2,4-Dinitrotoluene	10.01	165	20442	6.148 ng	#	18
67) 4-Bromophenyl-phenylether	10.80	248	8772	2.974 ng	#	1

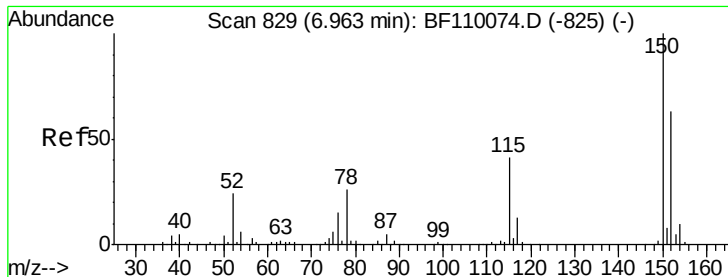
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110143.D
Acq On : 25 Oct 2018 5:04
Operator : JU/SJ
Sample : J5640-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 25 09:25:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 25 02:28:50 2018
Response via : Initial Calibration



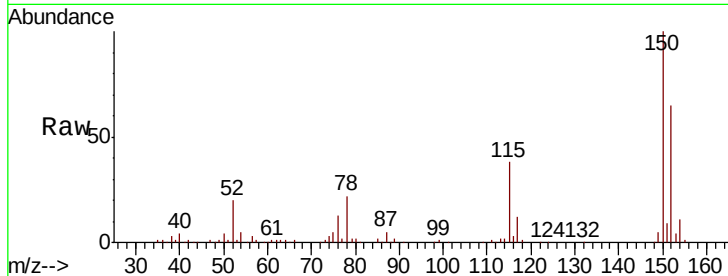


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF110143.D
 Acq: 25 Oct 2018 5:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.7	184.1
115	58.3	49.1	73.7

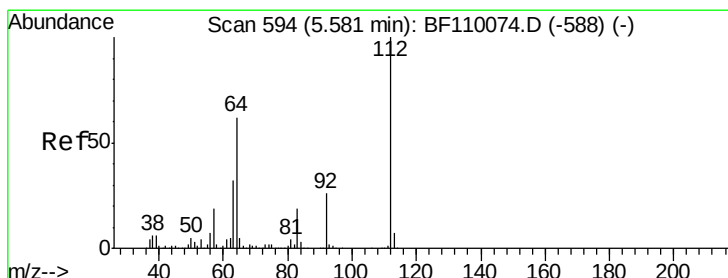
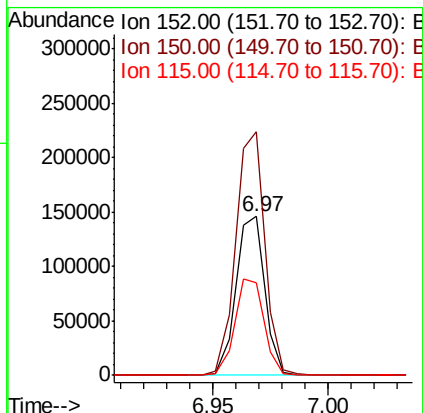
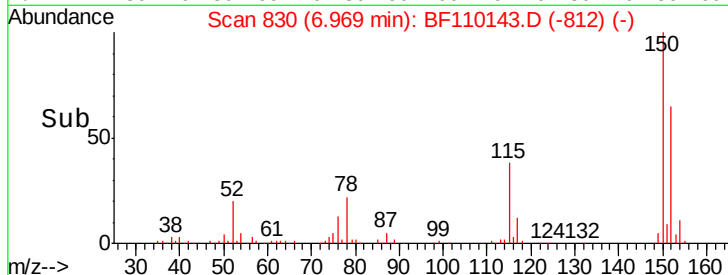


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

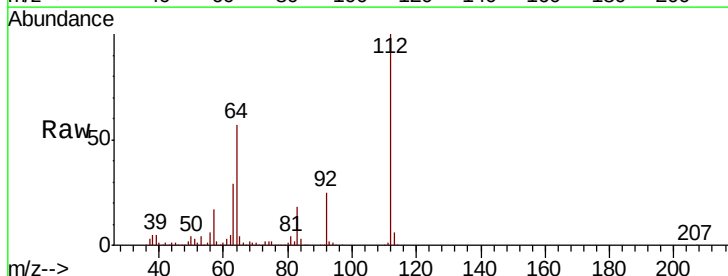
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 43.452 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF110143.D
 Acq: 25 Oct 2018 5:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	44.1	66.1
63	29.0	23.7	35.5

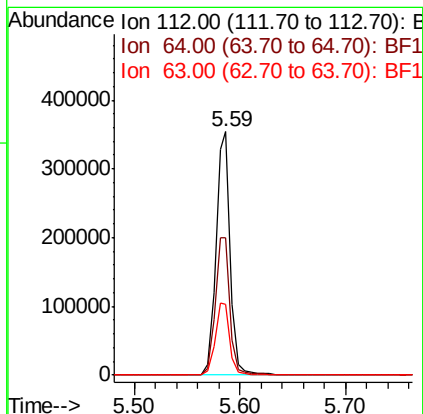
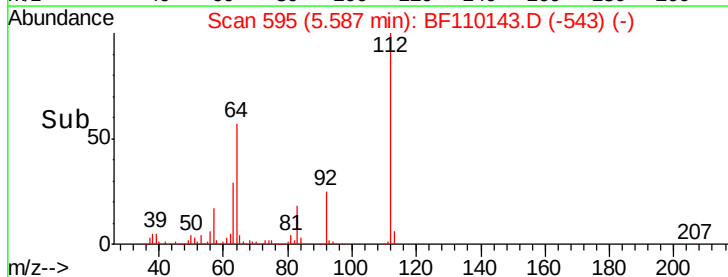


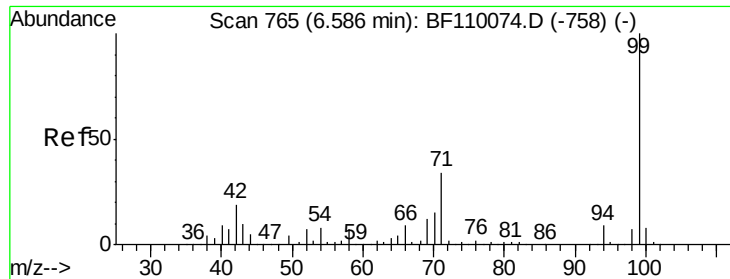
Abundance

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: 29.166 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110143.D

Acq: 25 Oct 2018 5:04

Instrument :

BNA_F

ClientSampled :

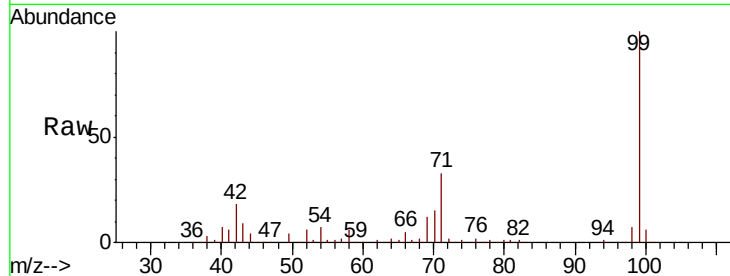
Tot Ion: 99 Resp: 291876

Ion Ratio Lower Upper

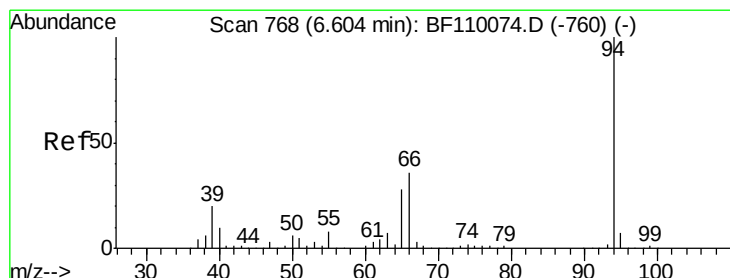
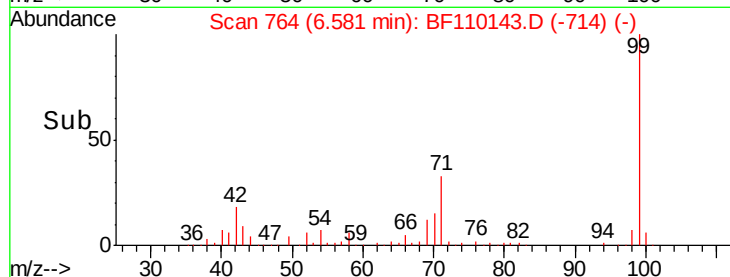
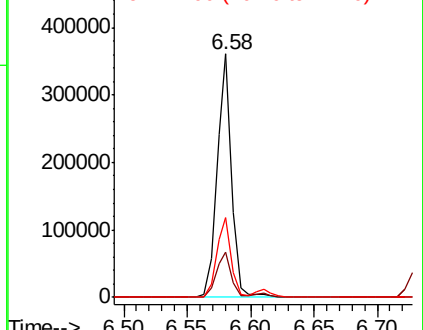
99 100

42 18.4 15.8 23.6

71 32.8 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: 4.375 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110143.D

Acq: 25 Oct 2018 5:04

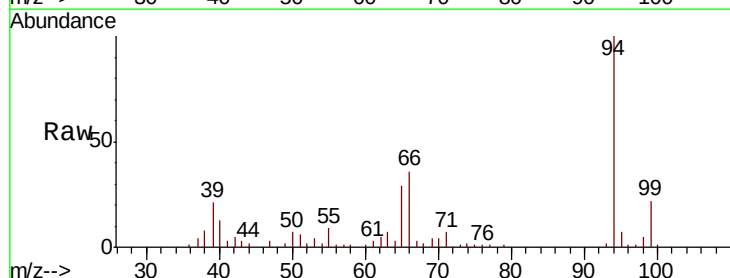
Tgt Ion: 94 Resp: 46800

Ion Ratio Lower Upper

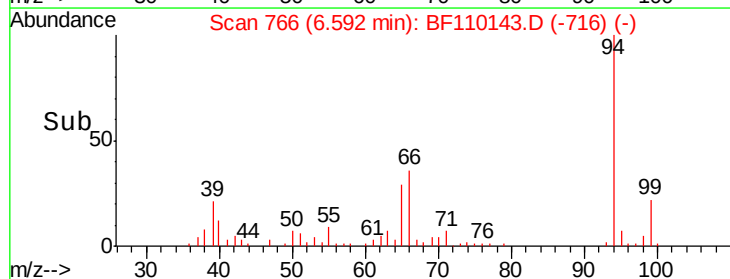
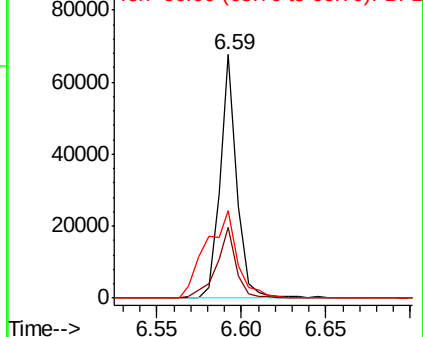
94 100

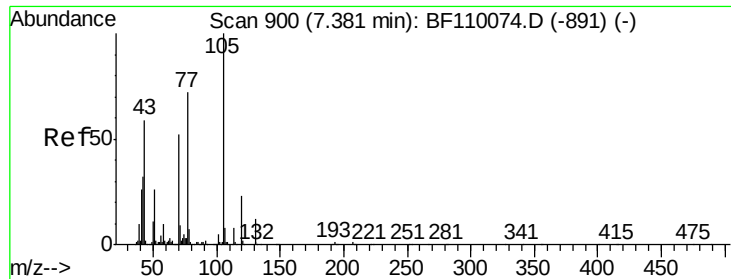
65 29.0 25.3 65.3

66 35.8 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

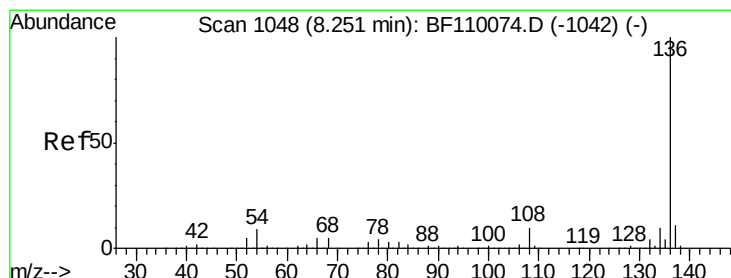
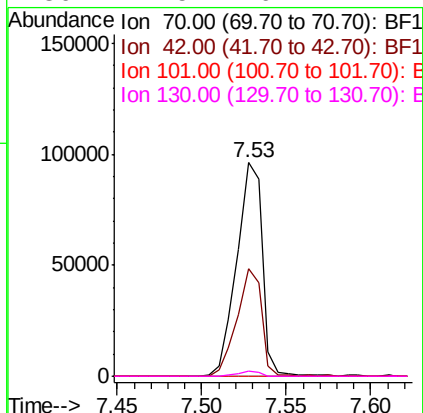
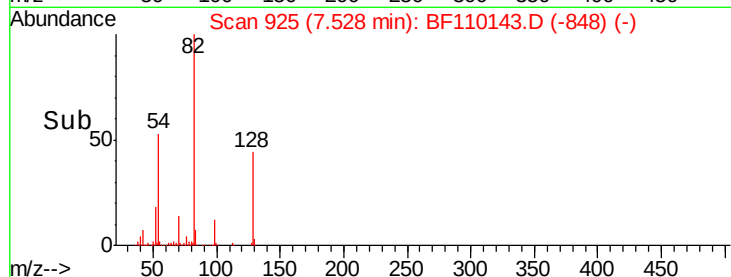
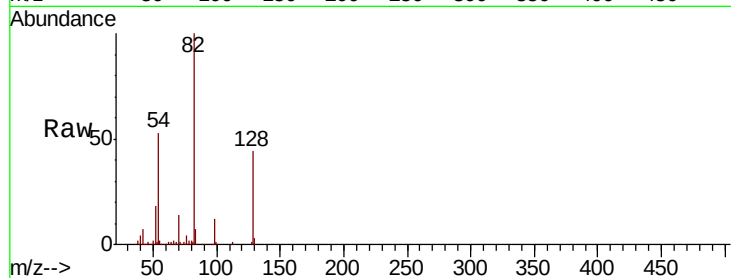




#19
n-Nitroso-di-n-propylamine
Concen: 15.825 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110143.D
Acq: 25 Oct 2018 5:04

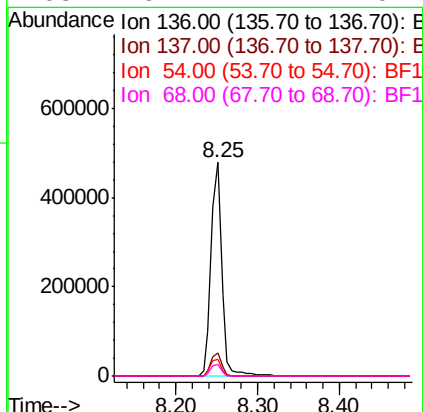
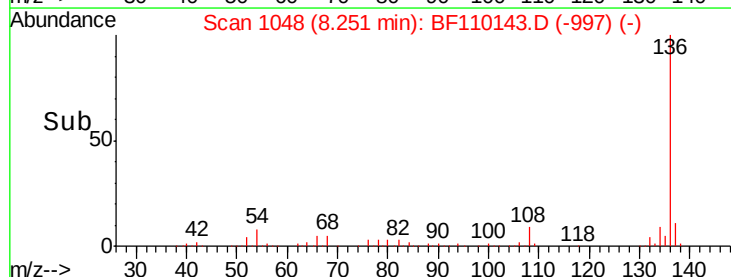
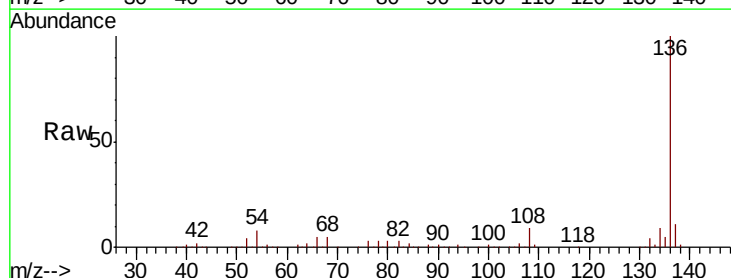
Instrument :
BNA_F
ClientSampled :

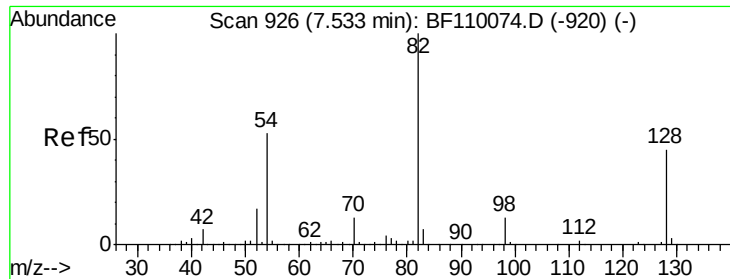
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110143.D
Acq: 25 Oct 2018 5:04

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	5.4	8.2
68	5.2	4.2	6.2

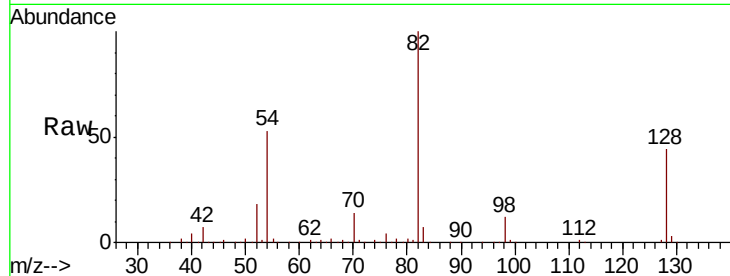




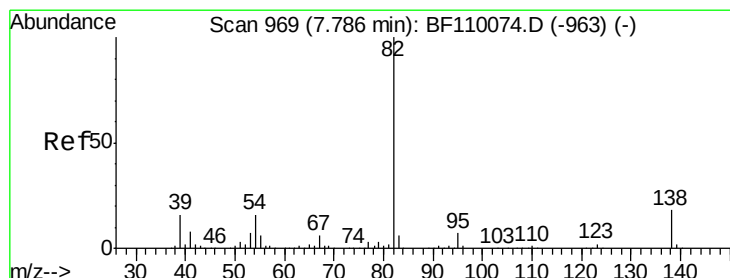
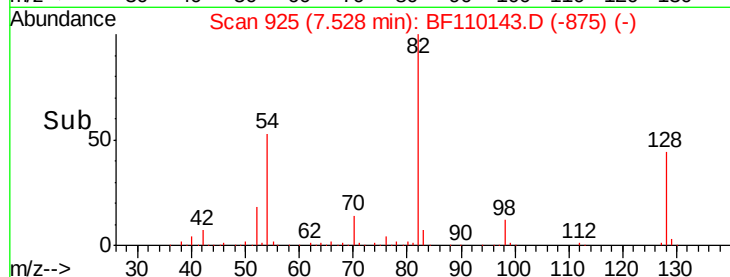
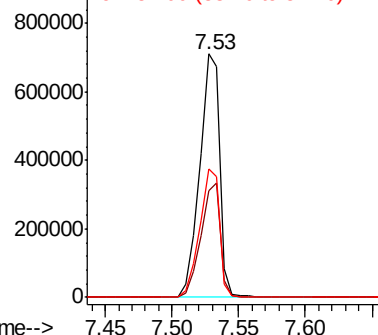
#23
Nitrobenzene-d5
Concen: 102.155 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110143.D
Acq: 25 Oct 2018 5:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	756887
Ion Ratio	100	Lower	Upper
128	43.9	34.2	51.2
54	52.7	38.6	58.0

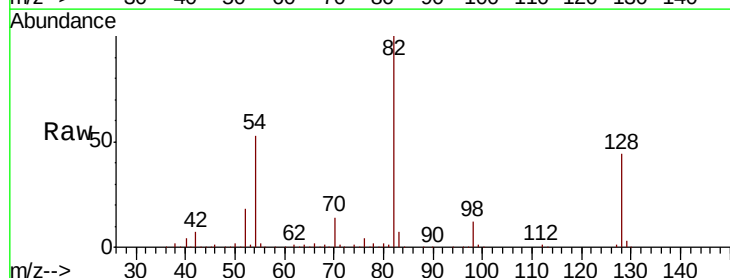


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

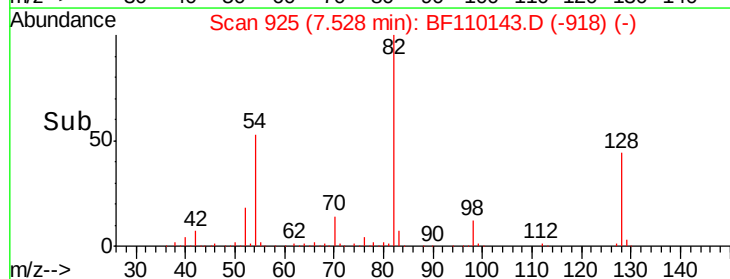
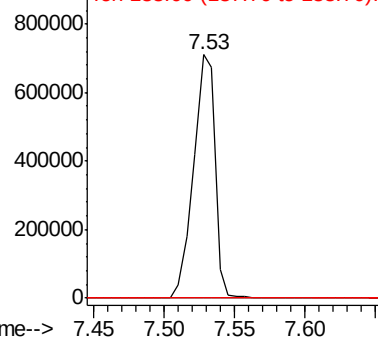


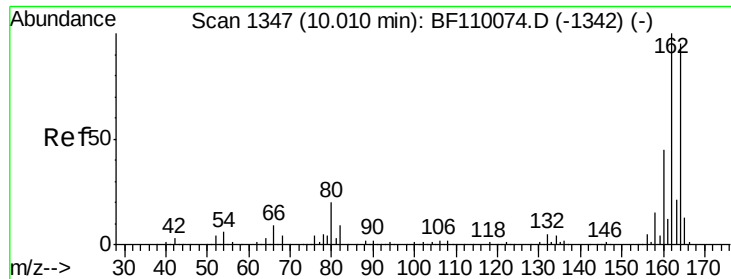
#25
Isophorone
Concen: 59.928 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF110143.D
Acq: 25 Oct 2018 5:04

Tgt Ion	82	Resp	756881
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. 0.00 min

Lab File: BF110143.D

Acq: 25 Oct 2018 5:04

Instrument :

BNA_F

ClientSampleId :

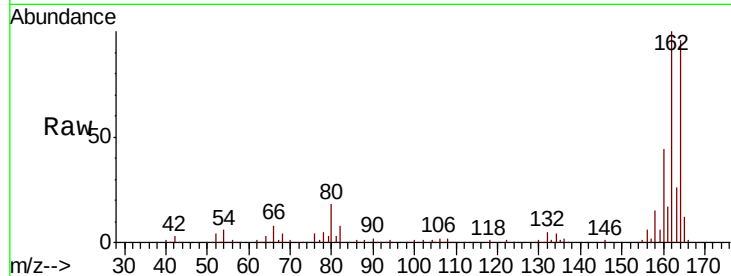
Tot Ion:164 Resp: 164630

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

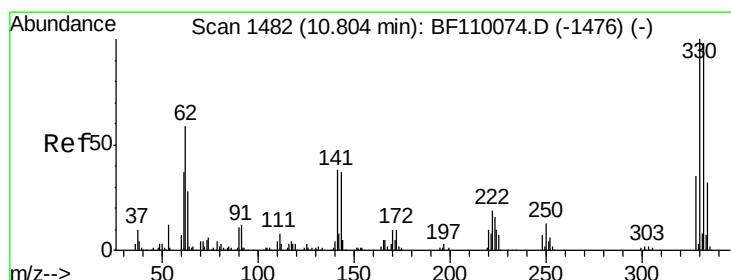
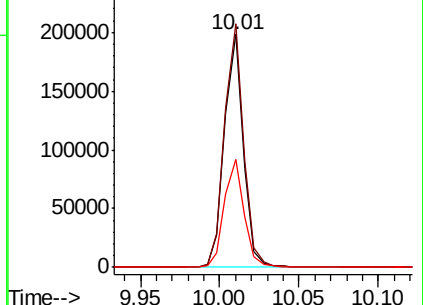
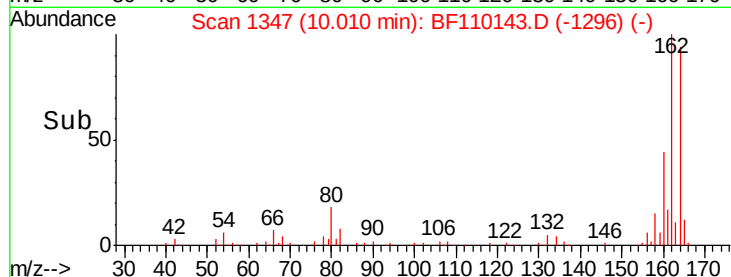
160 46.3 37.0 55.6



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: 81.609 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110143.D

Acq: 25 Oct 2018 5:04

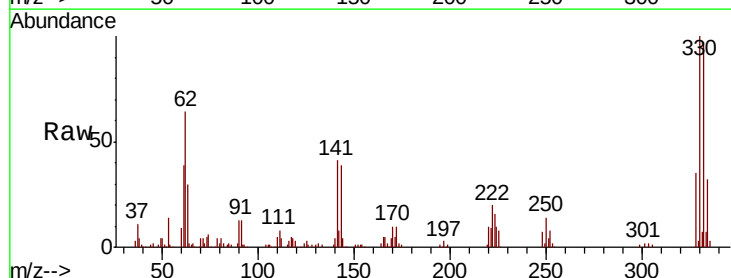
Tgt Ion:330 Resp: 133086

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

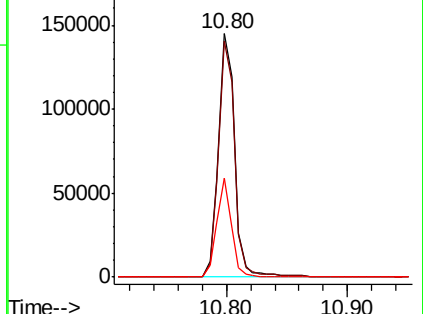
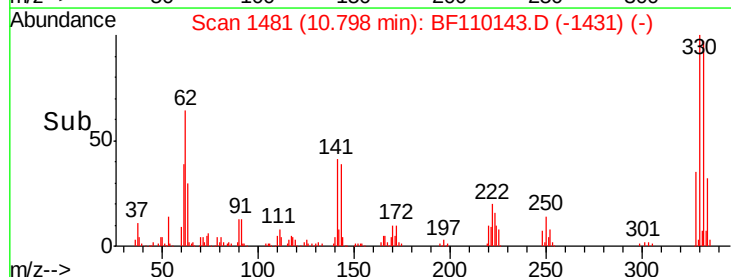
141 36.9 27.0 40.4

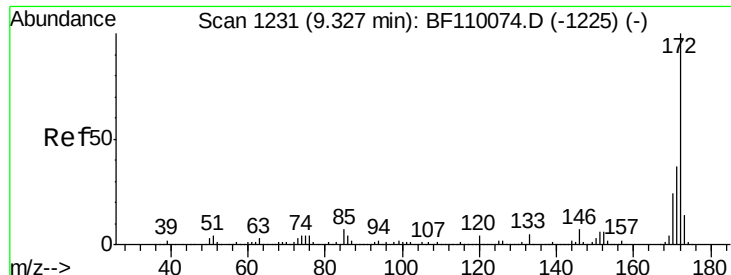


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

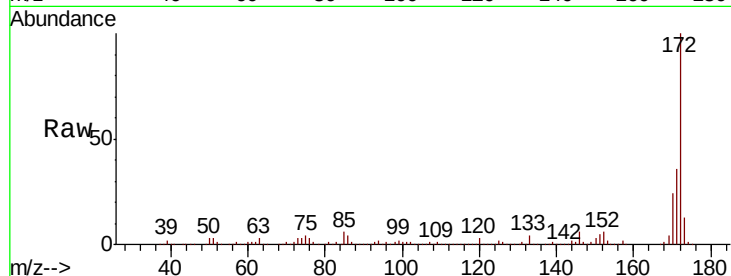




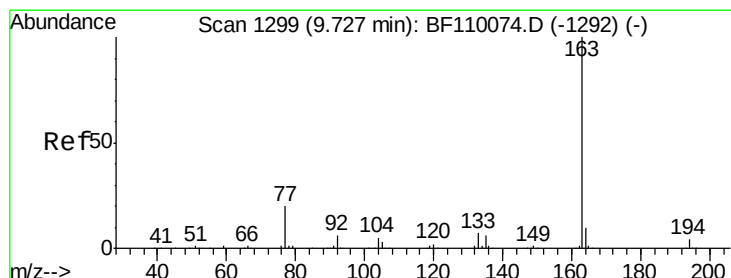
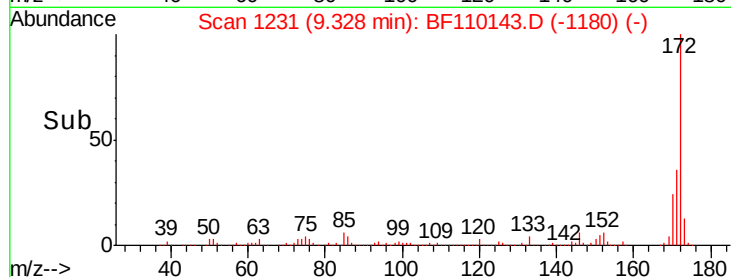
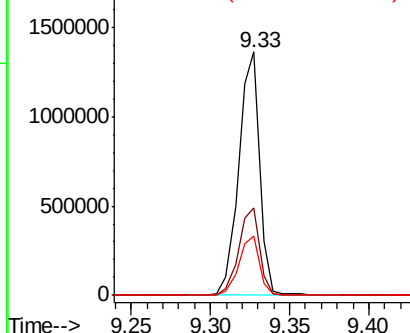
#45
2-Fluorobiphenyl
Concen: 118.924 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110143.D
Acq: 25 Oct 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1246831
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.1 19.7 29.5

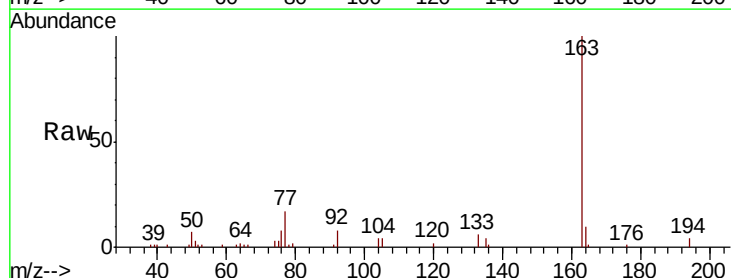


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

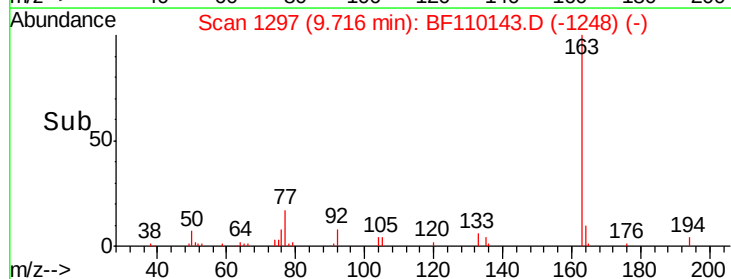
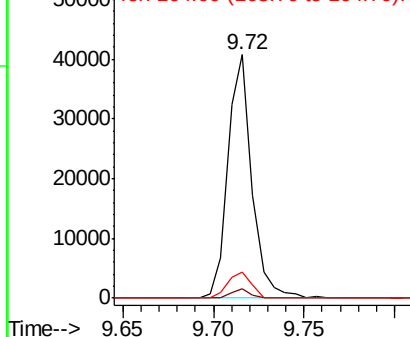


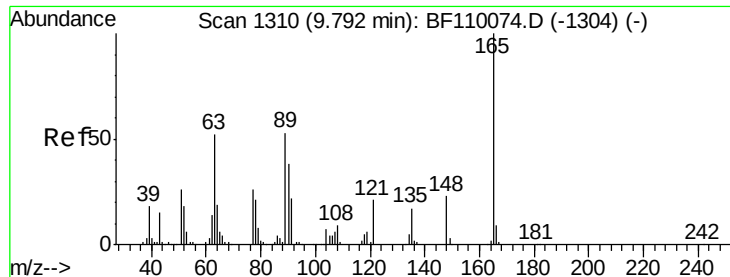
#50
Dimethylphthalate
Concen: 3.069 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110143.D
Acq: 25 Oct 2018 5:04

Tgt Ion:163 Resp: 37296
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.4 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. 0.22 min

Lab File: BF110143.D

Acq: 25 Oct 2018 5:04

Instrument :

BNA_F

ClientSampleId :

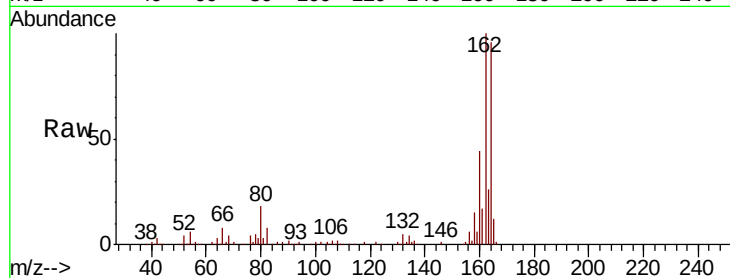
Tot Ion:165 Resp: 20442

Ion Ratio Lower Upper

165 100

63 1.4 48.9 73.3#

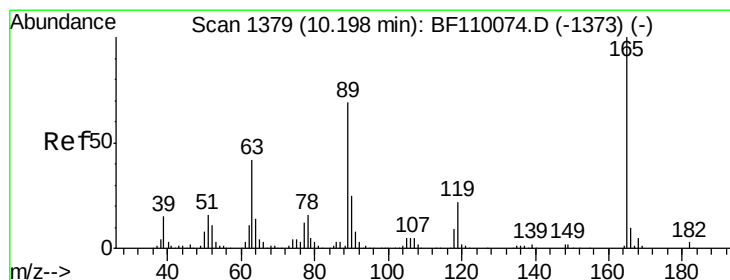
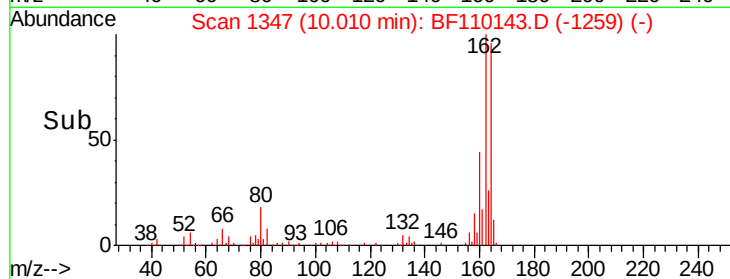
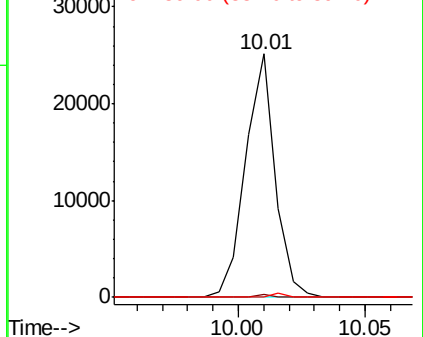
89 0.0 46.6 69.8#



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: 6.148 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.18 min

Lab File: BF110143.D

Acq: 25 Oct 2018 5:04

Tgt Ion:165 Resp: 20442

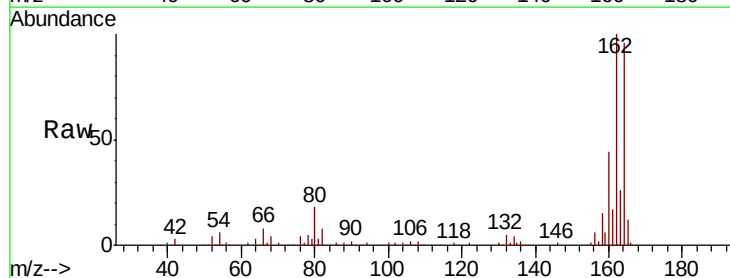
Ion Ratio Lower Upper

165 100

63 1.4 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

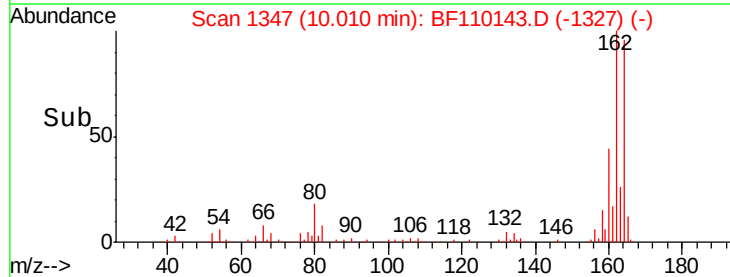
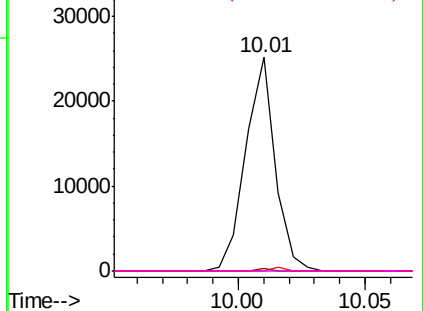


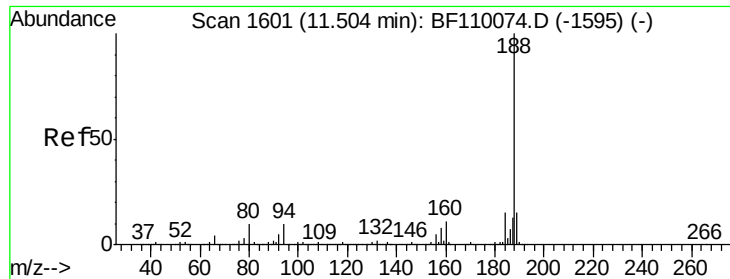
Abundance Ion 165.00 (164.70 to 165.70): E

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

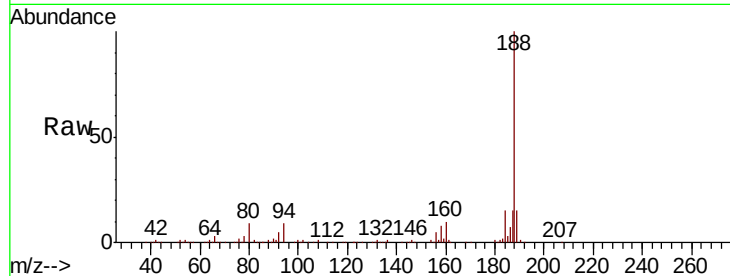




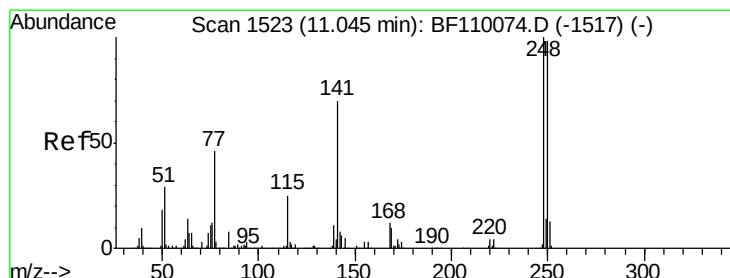
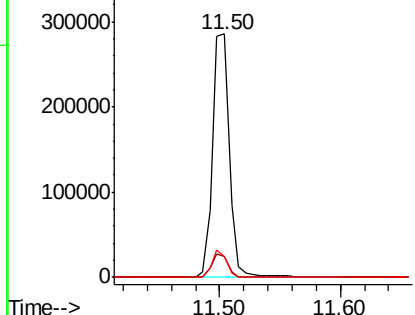
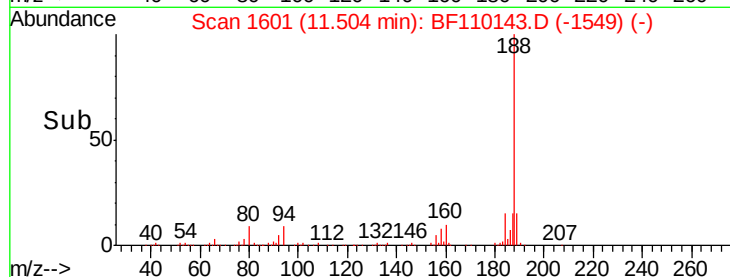
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF110143.D
 Acq: 25 Oct 2018 5:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	8.5	7.9	11.9

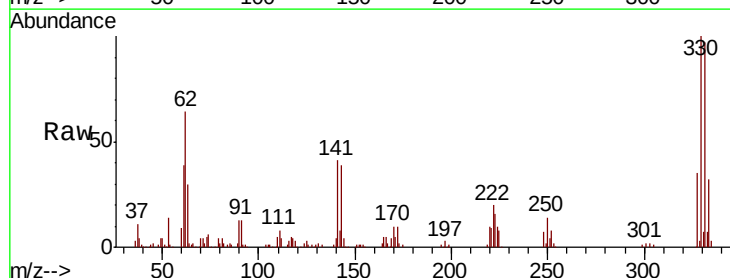


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

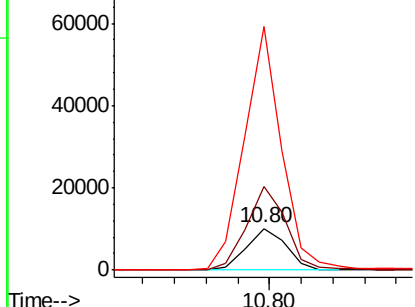
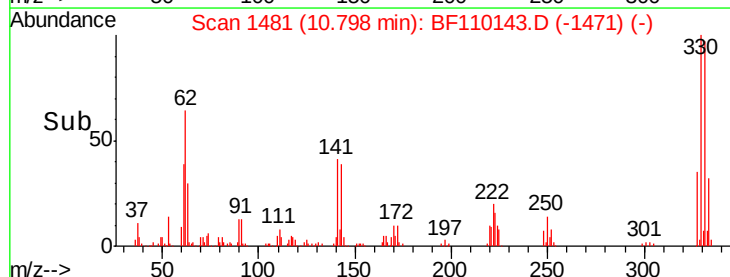


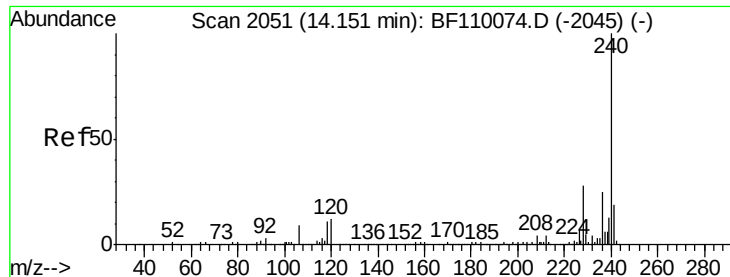
#67
 4-Bromophenyl-phenylether
 Concen: 2.974 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.24 min
 Lab File: BF110143.D
 Acq: 25 Oct 2018 5:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	201.7	79.4	119.2#
141	587.3	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

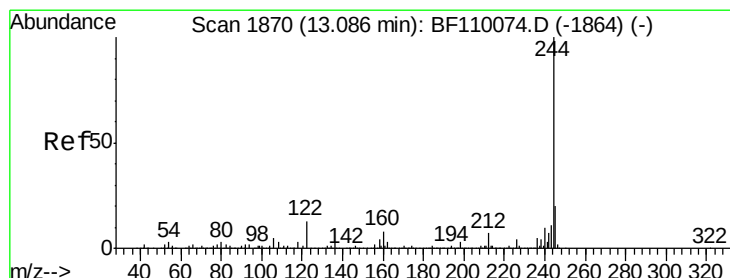
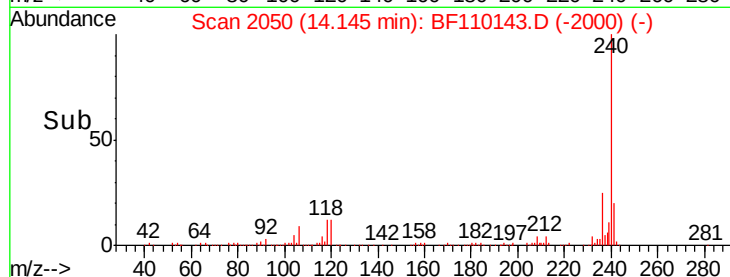
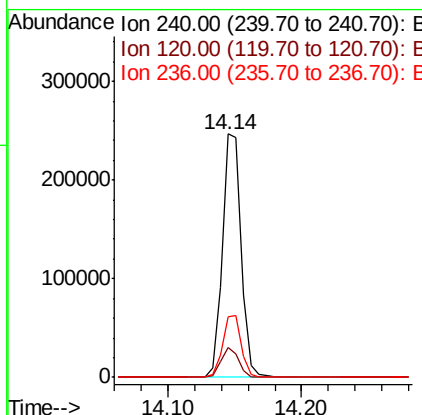
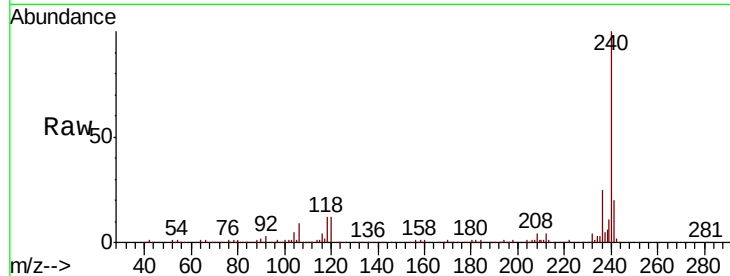




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BF110143.D
 Acq: 25 Oct 2018 5:04

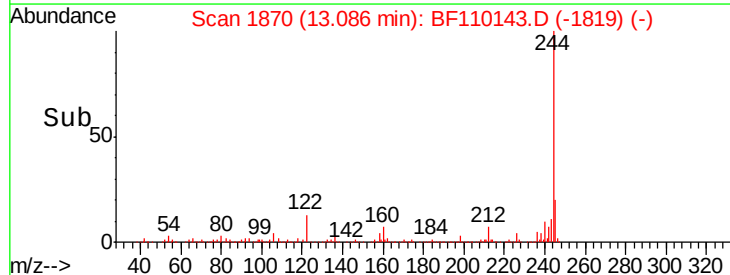
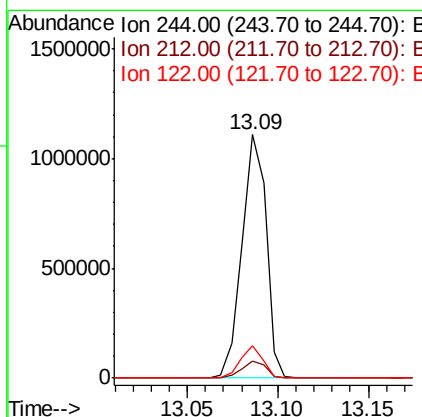
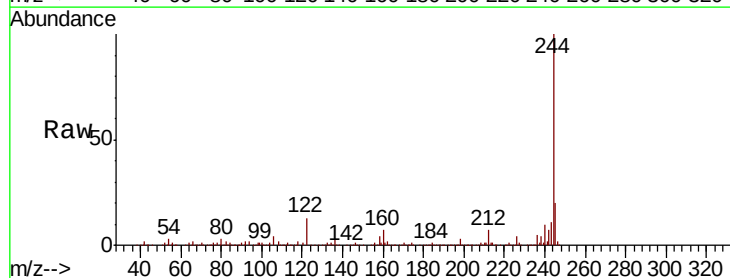
Instrument :
 BNA_F
 ClientSampleId :

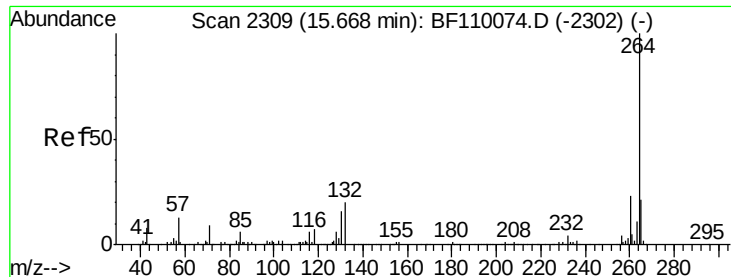
Tot Ion:240 Resp: 245791
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.3 12.5
 236 24.8 21.2 31.8



#79
 Terphenyl-d14
 Concen: 87.435 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF110143.D
 Acq: 25 Oct 2018 5:04

Tgt Ion:244 Resp: 1033355
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 13.1 8.7 13.1#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110143.D
Acq: 25 Oct 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.3	16.7	25.1

