

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
 Data File : BF110203.D
 Acq On : 26 Oct 2018 11:14
 Operator : JU/SJ
 Sample : J5662-10
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102318-DBRI-F-U-B

Quant Time: Oct 26 14:40:01 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

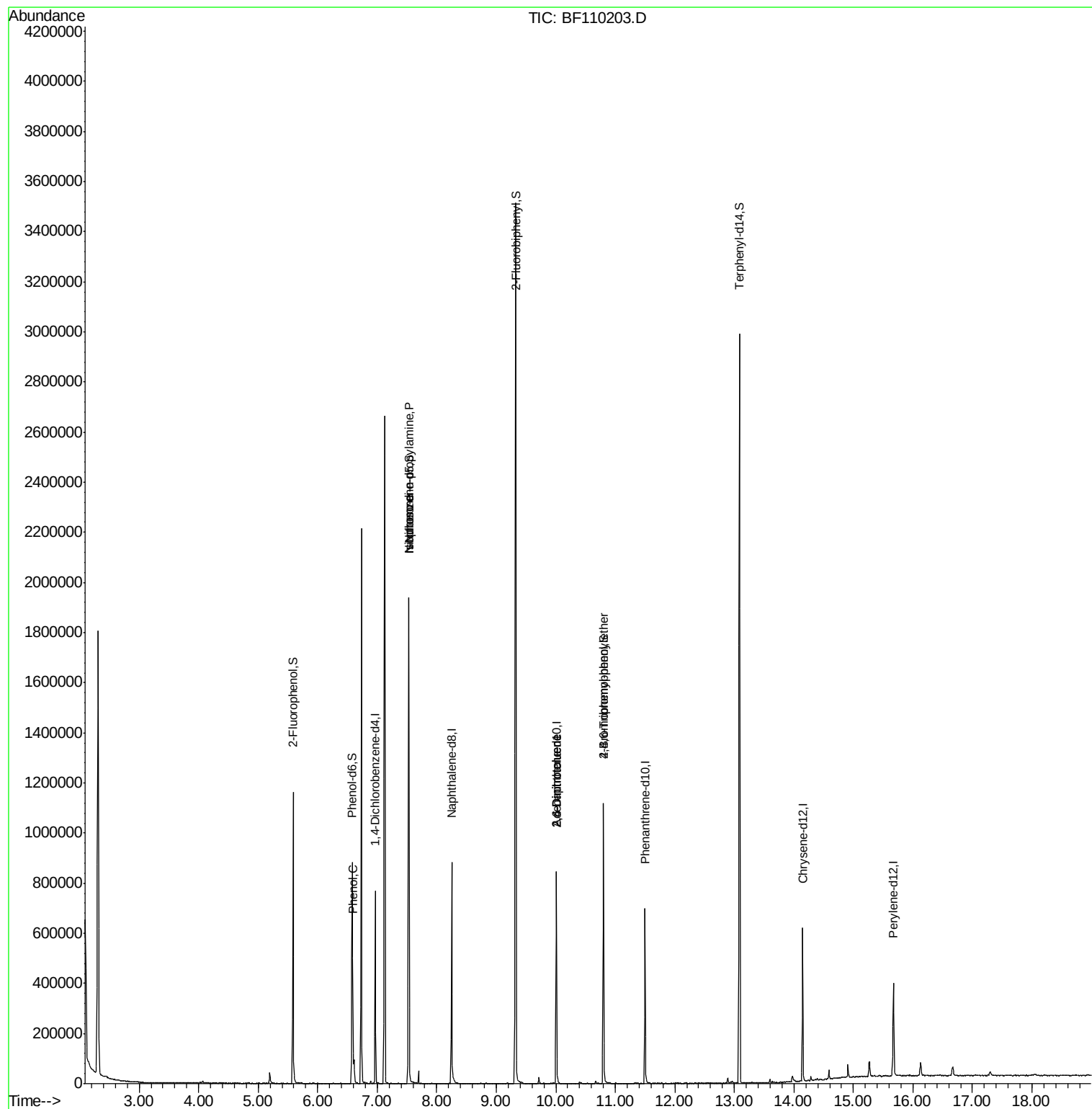
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115533	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	418295	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	165526	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	270239	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	203623	20.00	ng	-0.02
87) Perylene-d12	15.67	264	149856	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	306663	43.22	ng	-0.01
7) Phenol-d6	6.58	99	261408	28.81	ng	-0.02
23) Nitrobenzene-d5	7.53	82	691680	98.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	124531	75.95	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1150079	109.10	ng	-0.01
79) Terphenyl-d14	13.09	244	948675	96.89	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	43432	4.477	ng	# 65
19) n-Nitroso-di-n-propylamine	7.53	70	91234	15.671	ng	# 78
25) Isophorone	7.53	82	691673	57.537	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	20657	7.849	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	20657	6.179	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	7753	2.645	ng	# 1

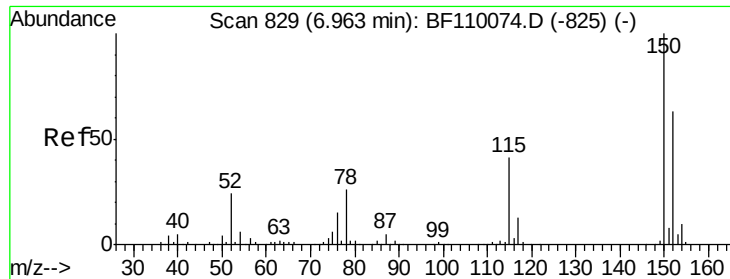
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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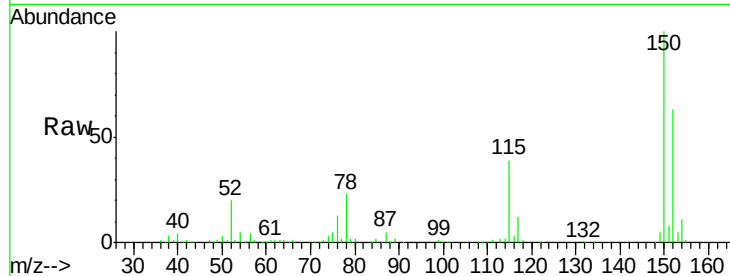


#1

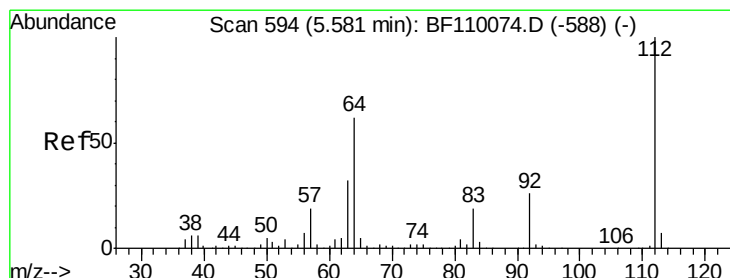
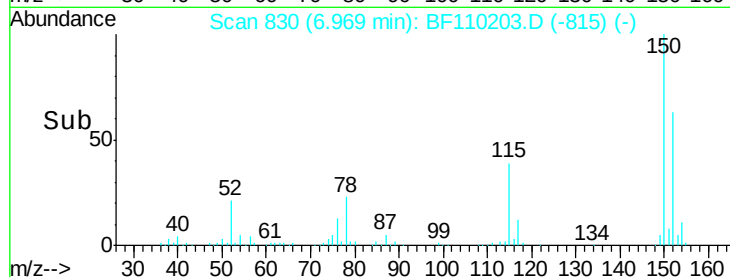
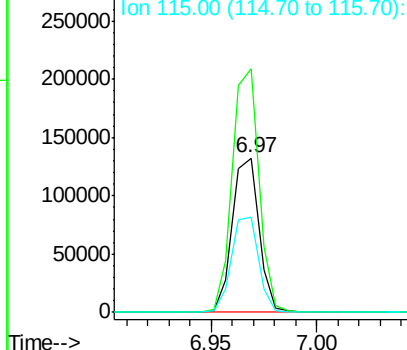
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110203.D
Acq: 26 Oct 2018 11:14

Instrument :
BNA_F
ClientSampleId :
102318-DBRI-F-U-B

Tgt Ion:152 Resp: 115533
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 61.6 49.1 73.7



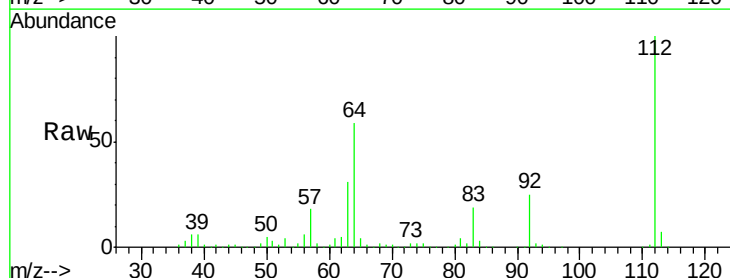
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



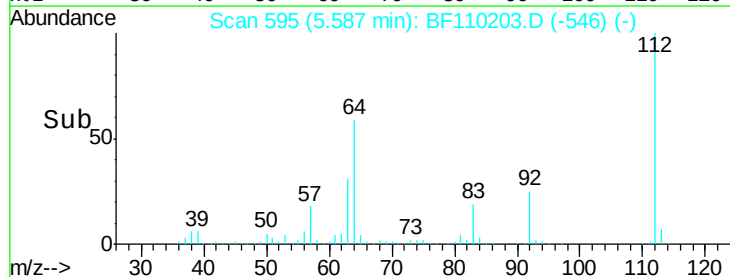
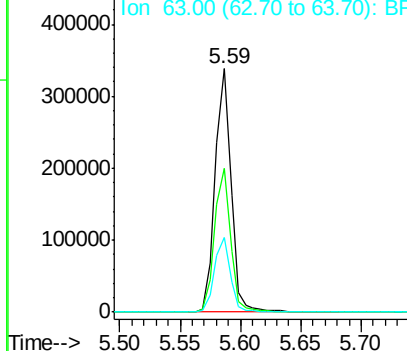
#5

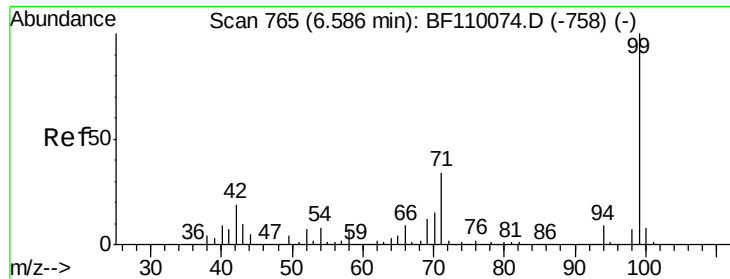
2-Fluorophenol
Concen: 43.225 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110203.D
Acq: 26 Oct 2018 11:14

Tgt Ion:112 Resp: 306663
Ion Ratio Lower Upper
112 100
64 59.2 44.1 66.1
63 30.7 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: 28.807 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110203.D

Acq: 26 Oct 2018 11:14

Instrument :

BNA_F

ClientSampleId :

102318-DBRI-F-U-B

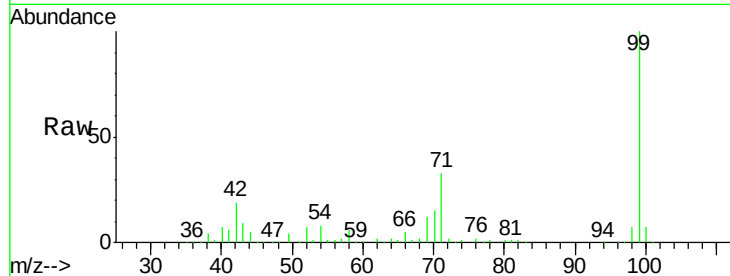
Tgt Ion: 99 Resp: 261408

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

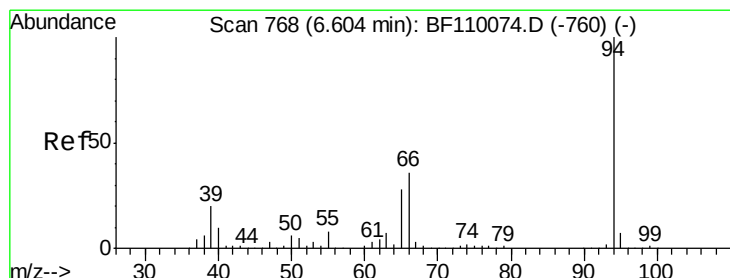
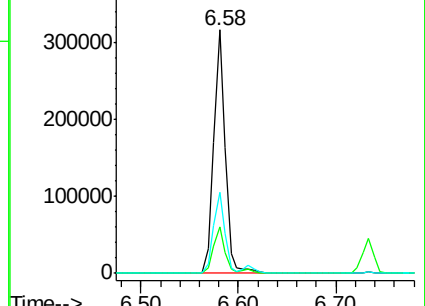
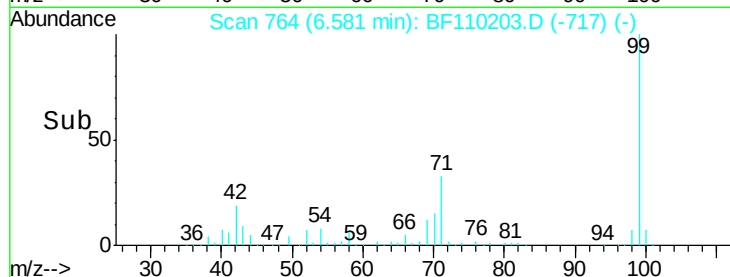
71 33.5 28.0 42.0



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: 4.477 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110203.D

Acq: 26 Oct 2018 11:14

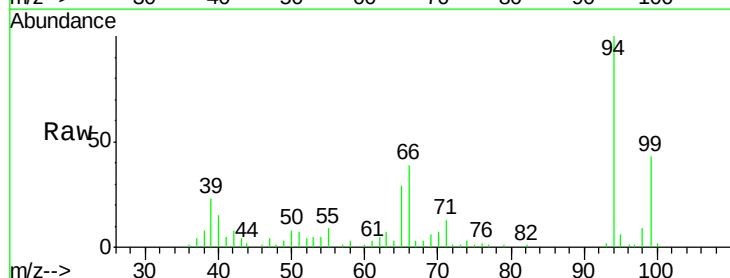
Tgt Ion: 94 Resp: 43432

Ion Ratio Lower Upper

94 100

65 28.6 25.3 65.3

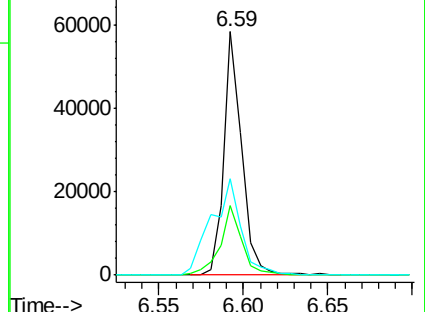
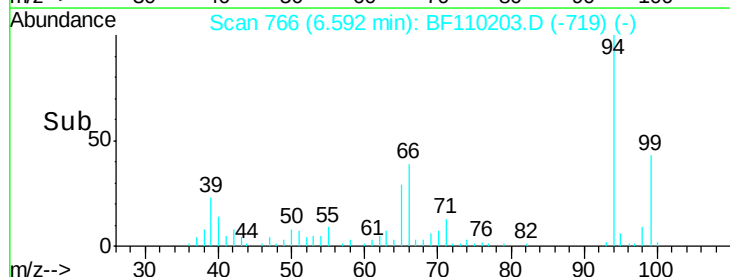
66 39.5 54.5 94.5#

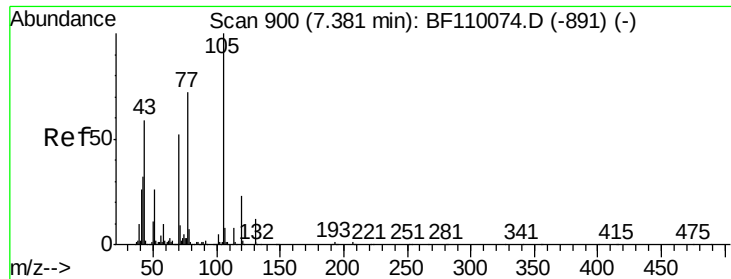


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

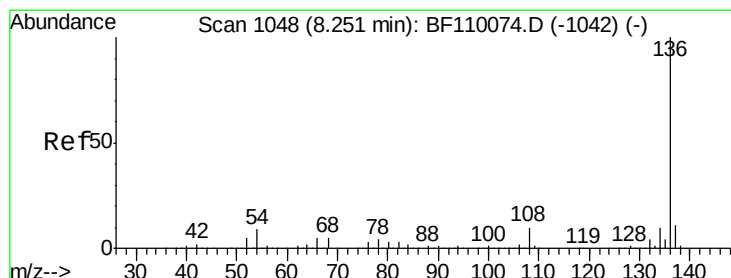
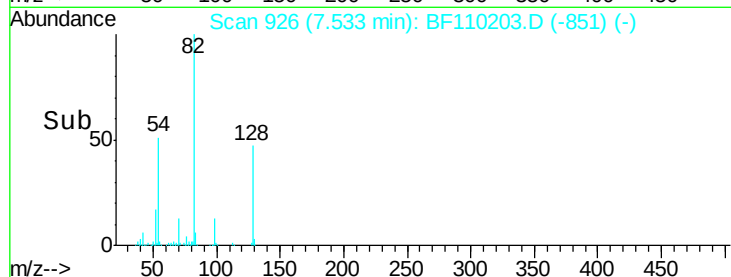
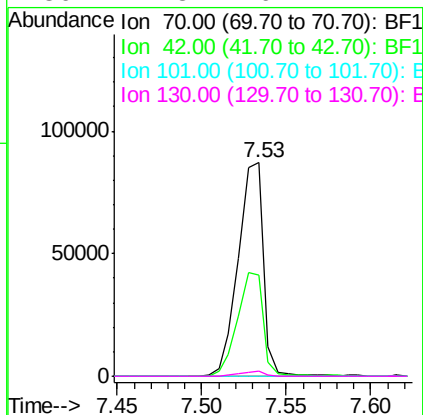
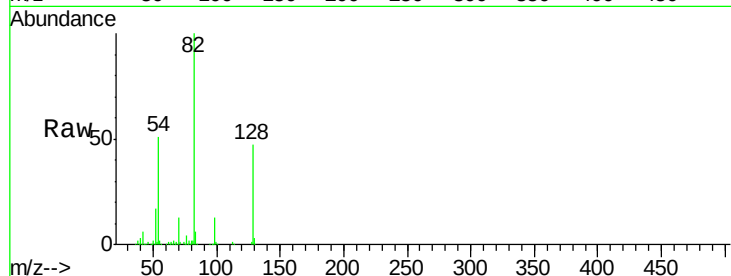




#19
n-Nitroso-di-n-propylamine
Concen: 15.671 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110203.D
Acq: 26 Oct 2018 11:14

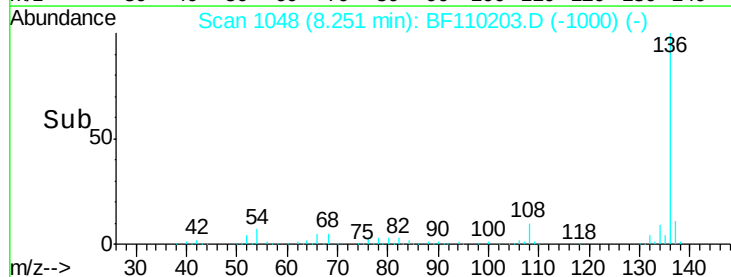
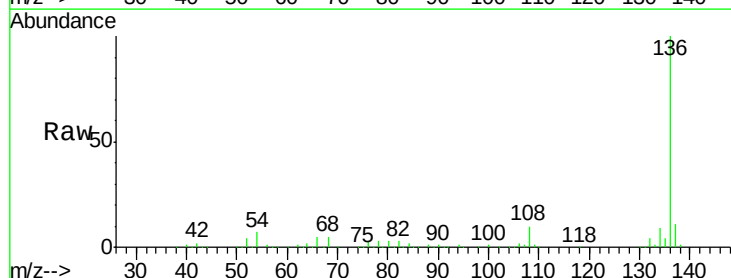
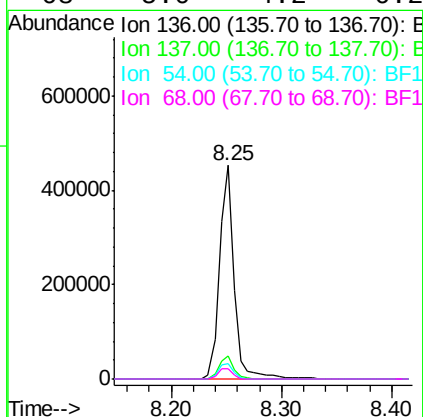
Instrument :
BNA_F
ClientSampleId :
102318-DBRI-F-U-B

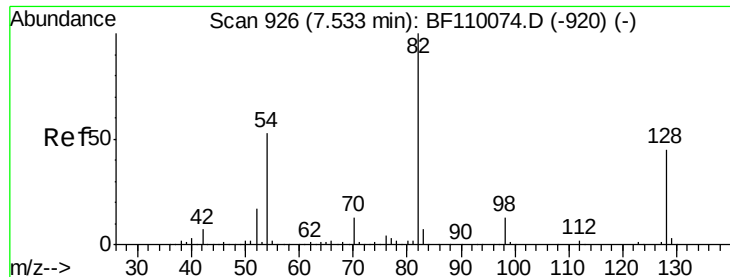
Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.4	71.2#
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110203.D
Acq: 26 Oct 2018 11:14

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.5	5.4	8.2
68	5.0	4.2	6.2

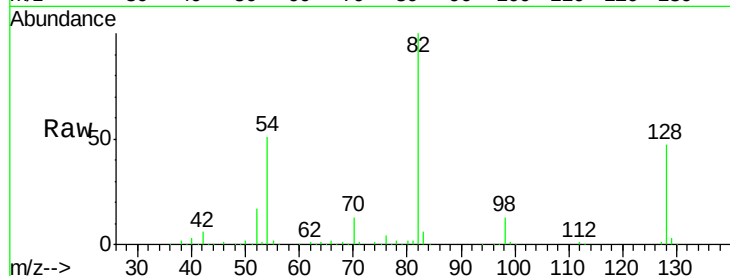




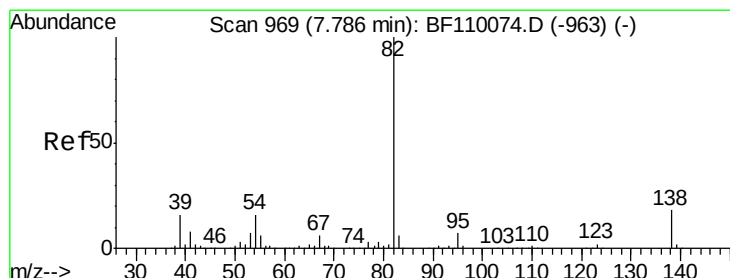
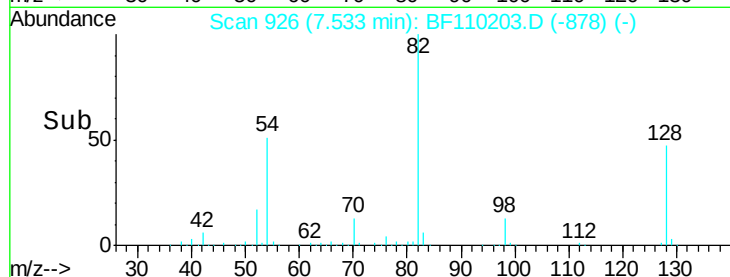
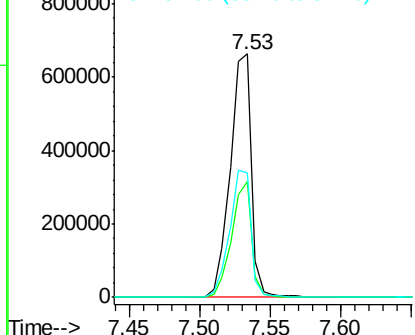
#23
 Nitrobenzene-d5
 Concen: 98.079 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110203.D
 Acq: 26 Oct 2018 11:14

Instrument :
 BNA_F
 ClientSampleId :
 102318-DBRI-F-U-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.2	51.2
54	51.0	38.6	58.0

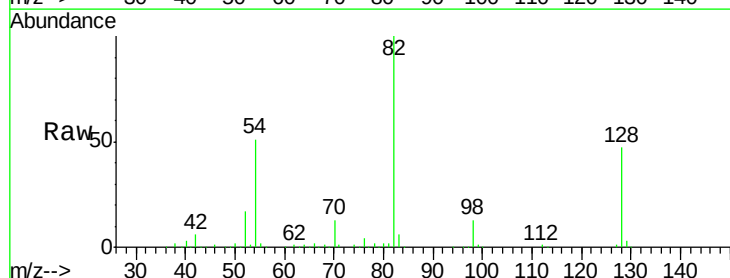


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

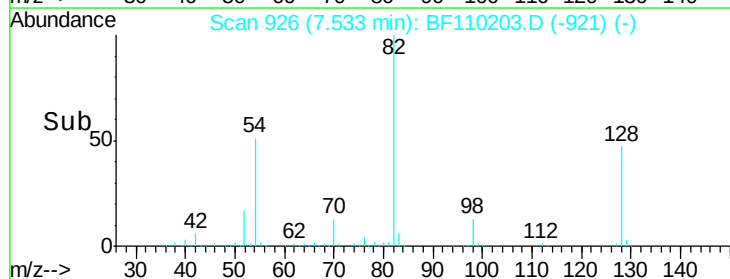
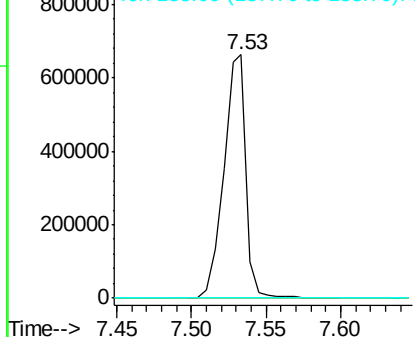


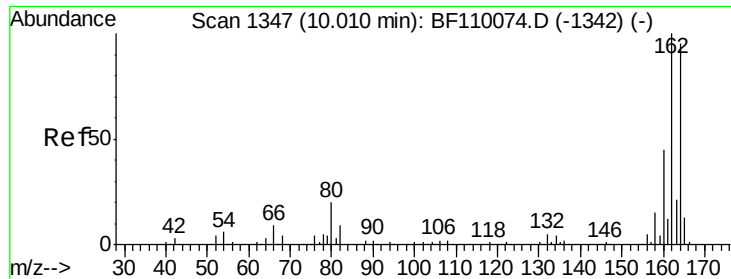
#25
 Isophorone
 Concen: 57.537 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF110203.D
 Acq: 26 Oct 2018 11:14

Tgt 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: BF110203.D

Acq: 26 Oct 2018 11:14

Instrument :

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ClientSampleId :

102318-DBRI-F-U-B

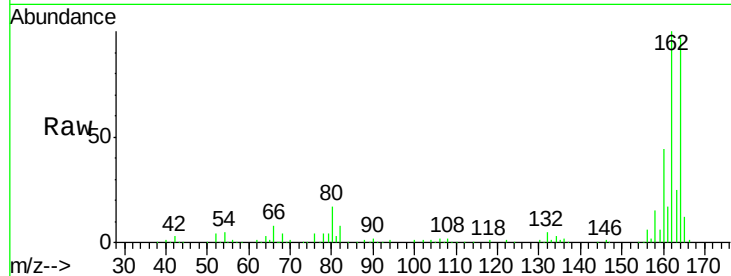
Tgt Ion:164 Resp: 165526

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.6

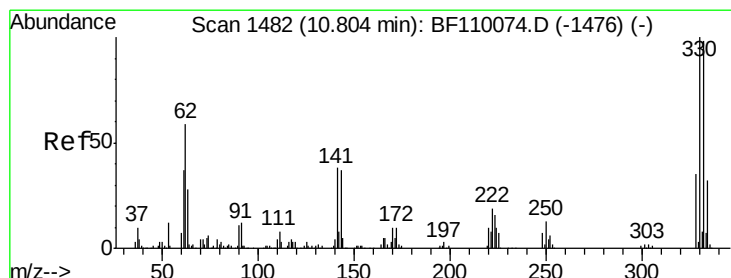
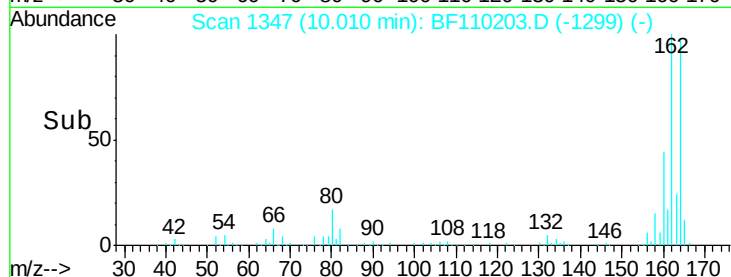
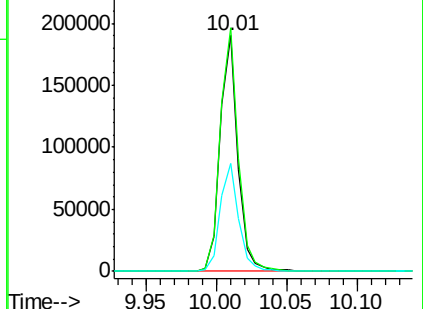
160 45.6 37.0 55.6



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: 75.950 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110203.D

Acq: 26 Oct 2018 11:14

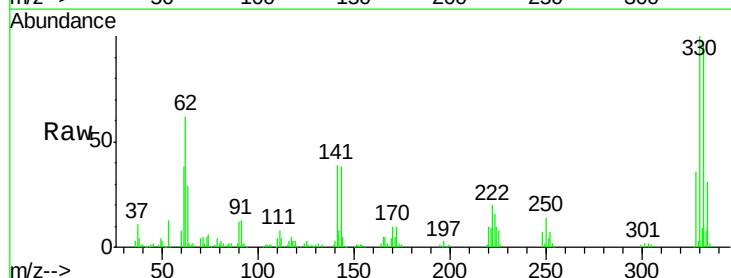
Tgt Ion:330 Resp: 124531

Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

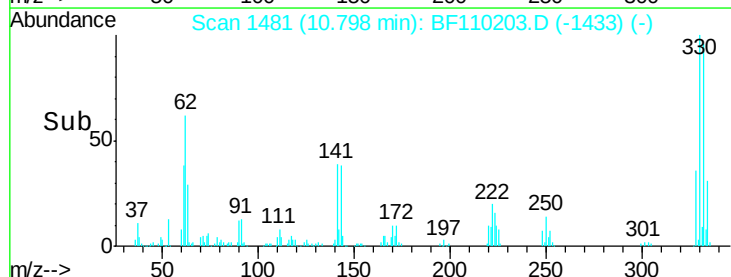
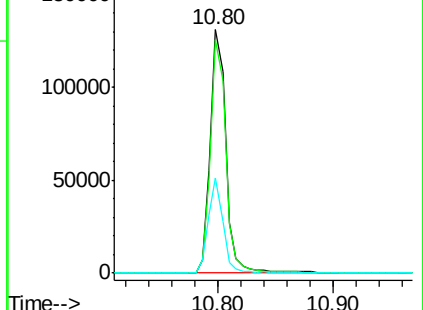
141 37.0 27.0 40.4

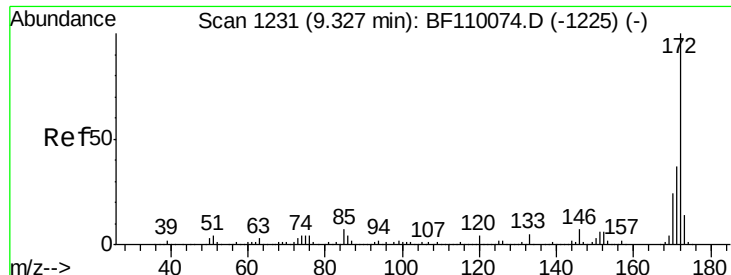


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

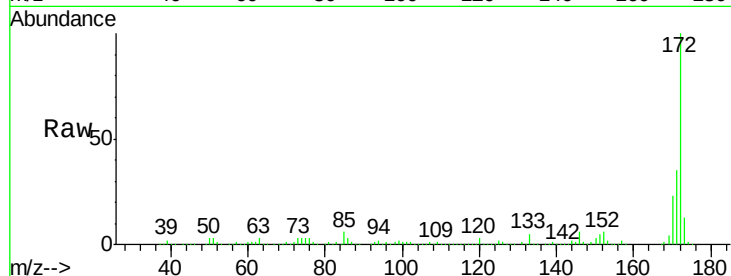




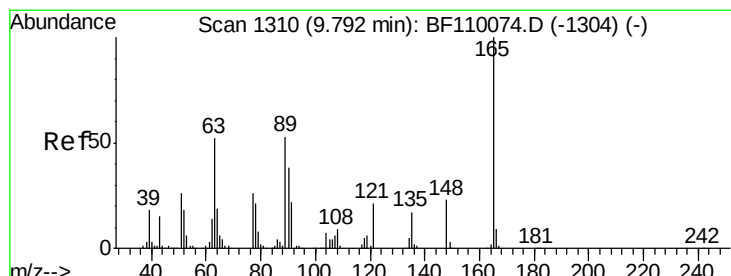
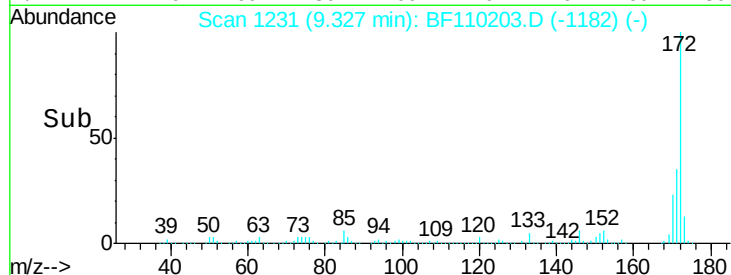
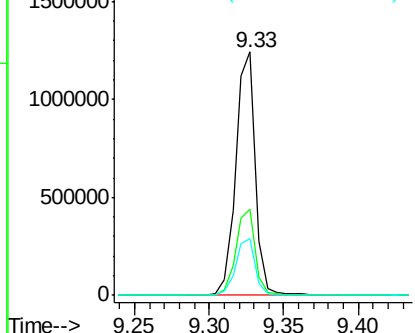
#45
2-Fluorobiphenyl
Concen: 109.102 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110203.D
Acq: 26 Oct 2018 11:14

Instrument :
BNA_F
ClientSampleId :
102318-DBRI-F-U-B

Tgt Ion:172 Resp: 1150079
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.3 19.7 29.5

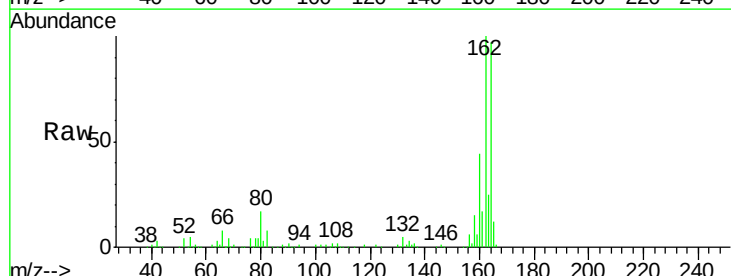


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

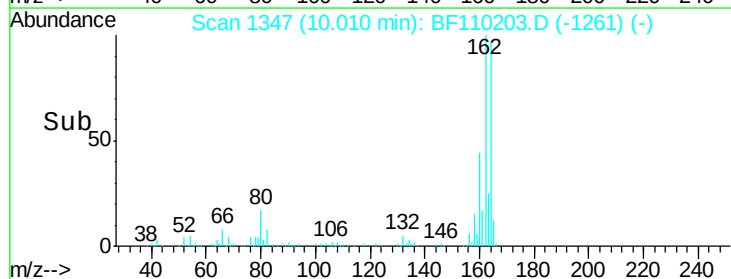
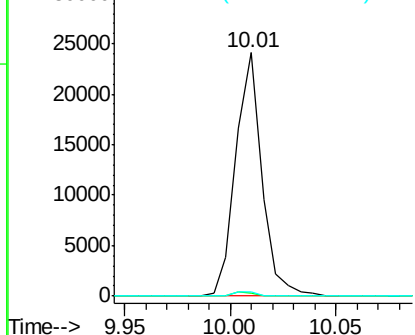


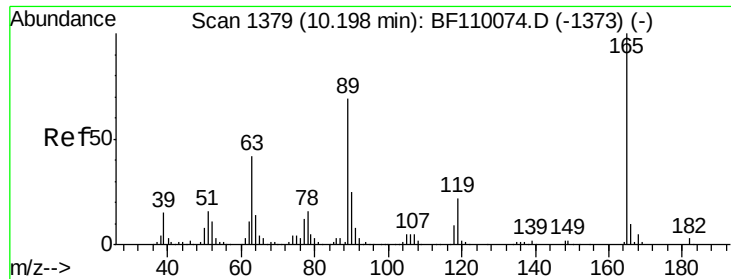
#51
2,6-Dinitrotoluene
Concen: 7.849 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110203.D
Acq: 26 Oct 2018 11:14

Tgt Ion:165 Resp: 20657
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.5 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: 6.179 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110203.D

Acq: 26 Oct 2018 11:14

Instrument :

BNA_F

ClientSampleId :

102318-DBRI-F-U-B

Tgt Ion:165 Resp: 20657

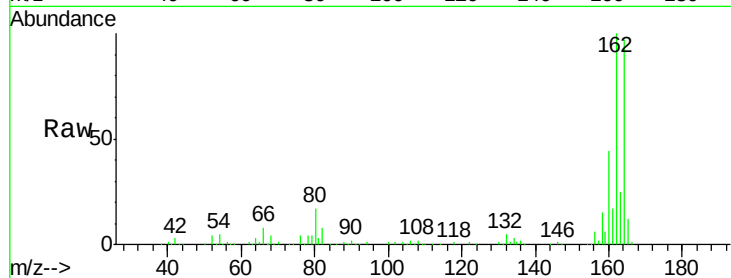
Ion Ratio Lower Upper

165 100

63 1.4 44.8 67.2#

89 1.5 62.2 93.4#

182 0.0 2.1 3.1#

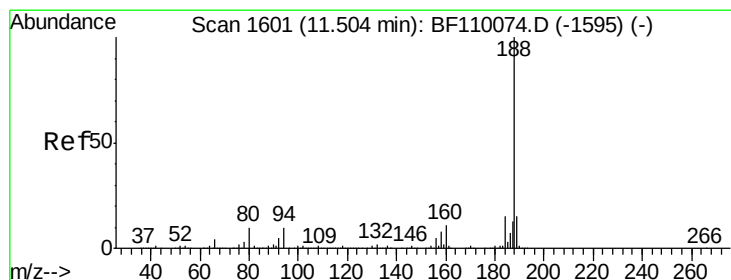
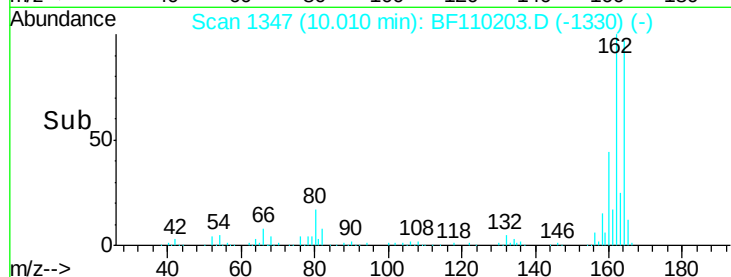
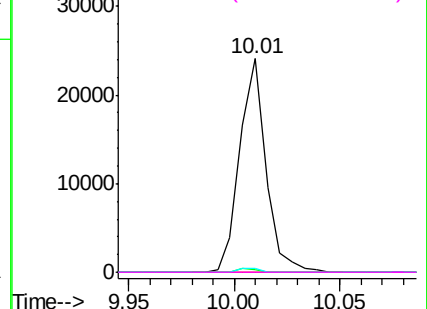


Abundance Ion 165.00 (164.70 to 165.70): E

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# 1600

Delta R.T. -0.02 min

Lab File: BF110203.D

Acq: 26 Oct 2018 11:14

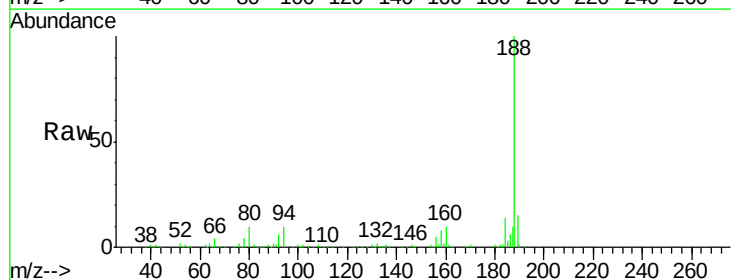
Tgt Ion:188 Resp: 270239

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

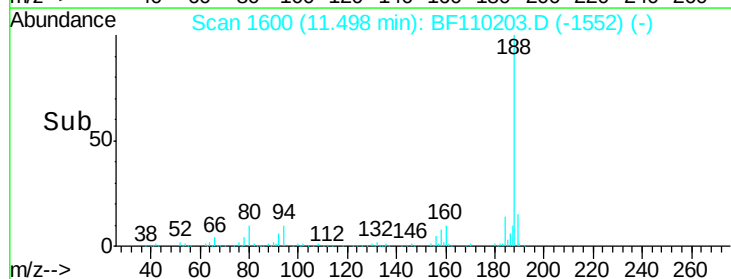
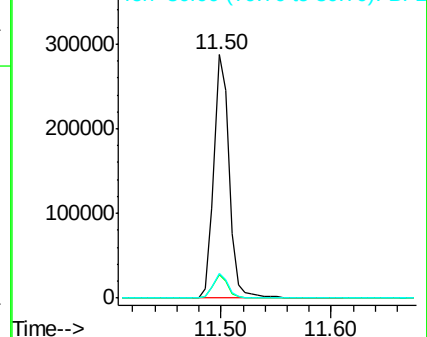
80 10.4 7.9 11.9

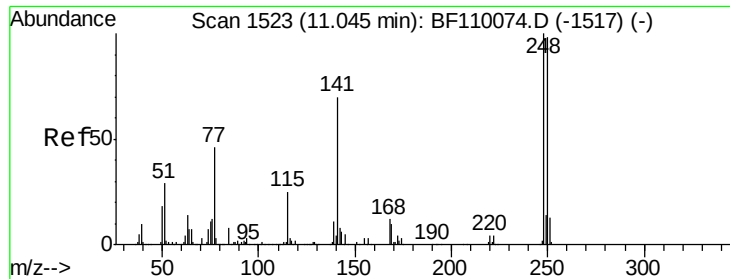


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

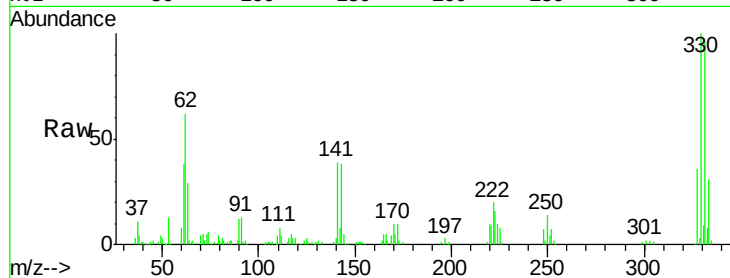




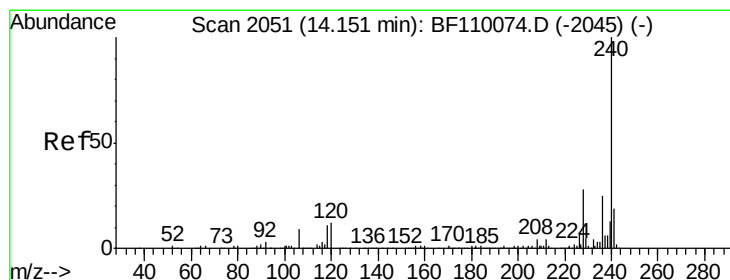
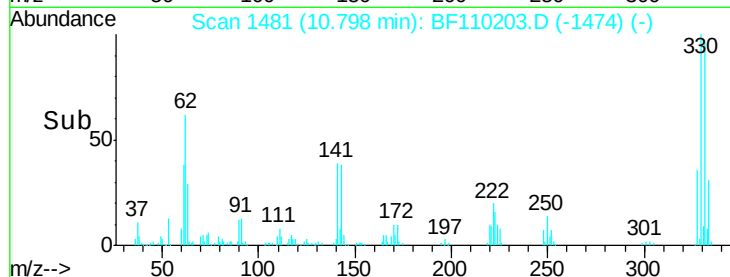
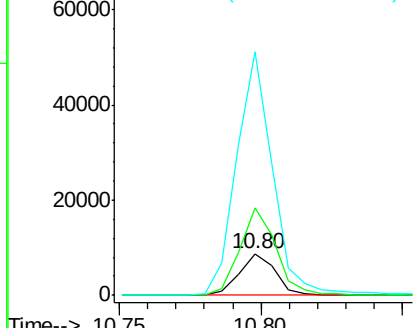
#67
4-Bromophenyl-phenylether
Concen: 2.645 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110203.D
Acq: 26 Oct 2018 11:14

Instrument :
BNA_F
ClientSampleId :
102318-DBRI-F-U-B

Tgt Ion:248 Resp: 7753
Ion Ratio Lower Upper
248 100
250 210.8 79.4 119.2#
141 588.6 55.9 83.9#

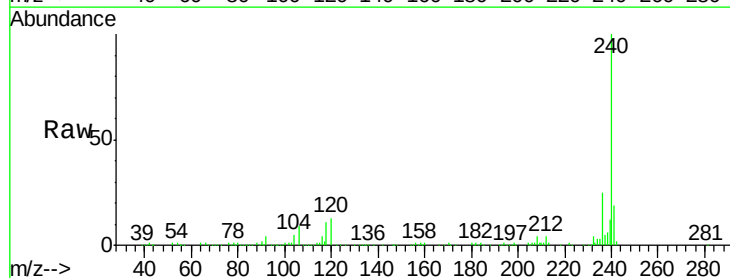


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

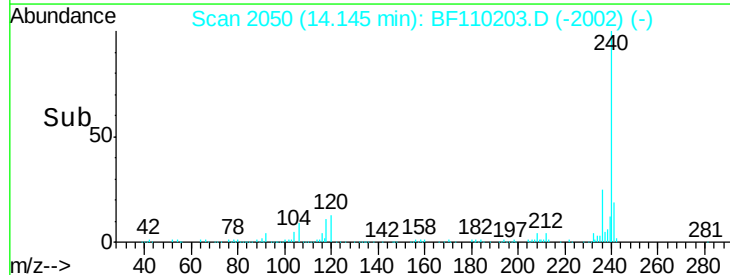
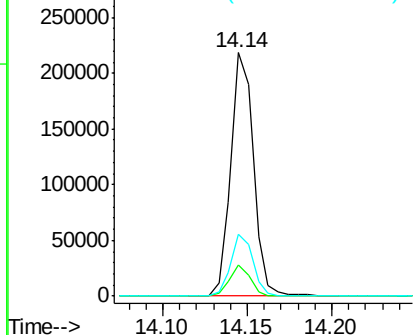


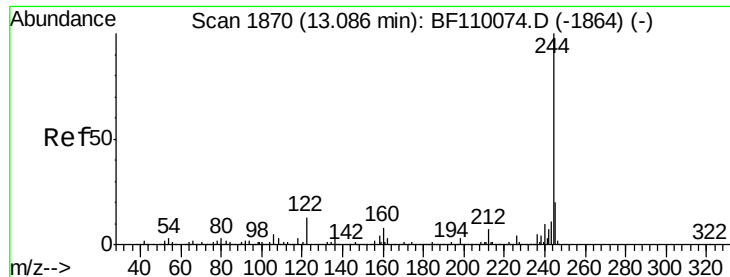
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110203.D
Acq: 26 Oct 2018 11:14

Tgt Ion:240 Resp: 203623
Ion Ratio Lower Upper
240 100
120 13.0 8.3 12.5#
236 25.3 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: 96.893 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110203.D

Acq: 26 Oct 2018 11:14

Instrument :

BNA_F

ClientSampleId :

102318-DBRI-F-U-B

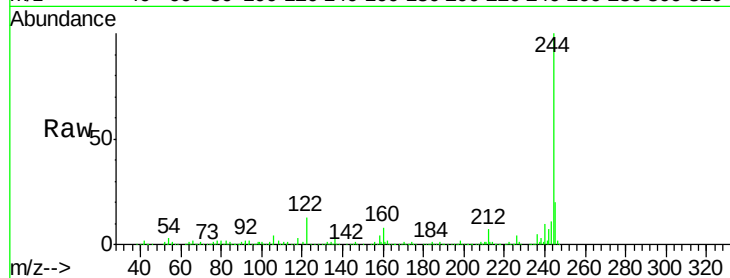
Tgt Ion:244 Resp: 948675

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

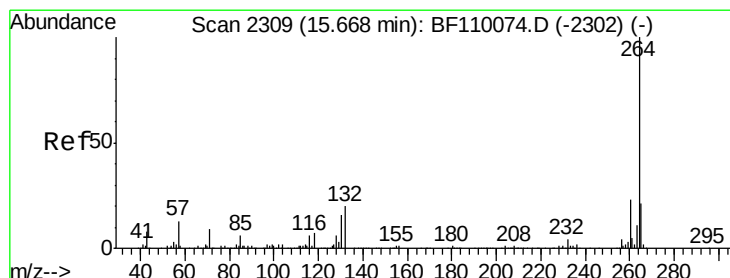
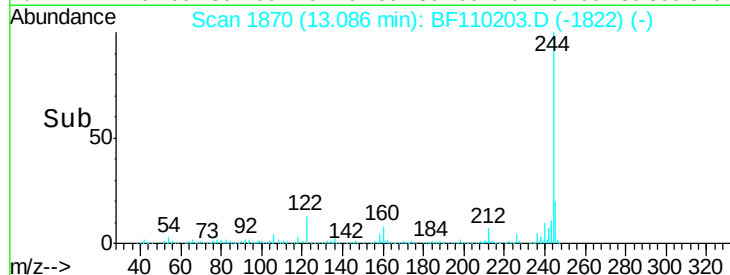
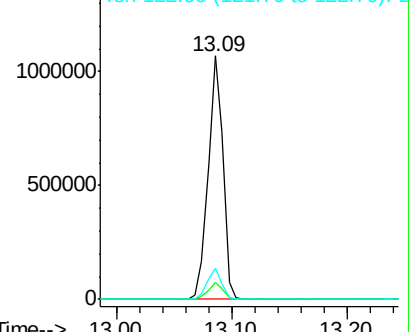
122 12.7 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110203.D

Acq: 26 Oct 2018 11:14

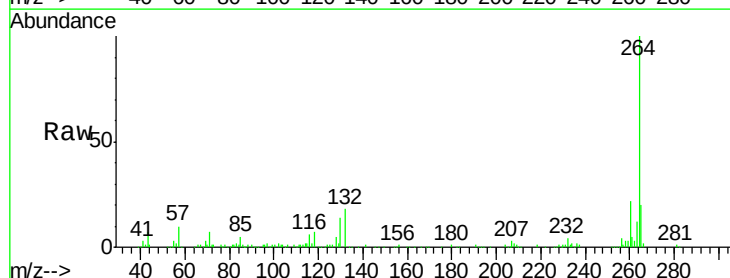
Tgt Ion:264 Resp: 149856

Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

265 20.2 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

