

Data Path : Z:\HPCHEM1\BNA F\Data\BF022018\
 Data File : BF103121.D
 Acq On : 20 Feb 2018 18:04
 Operator : SJ/JU
 Sample : J1624-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 08:46:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

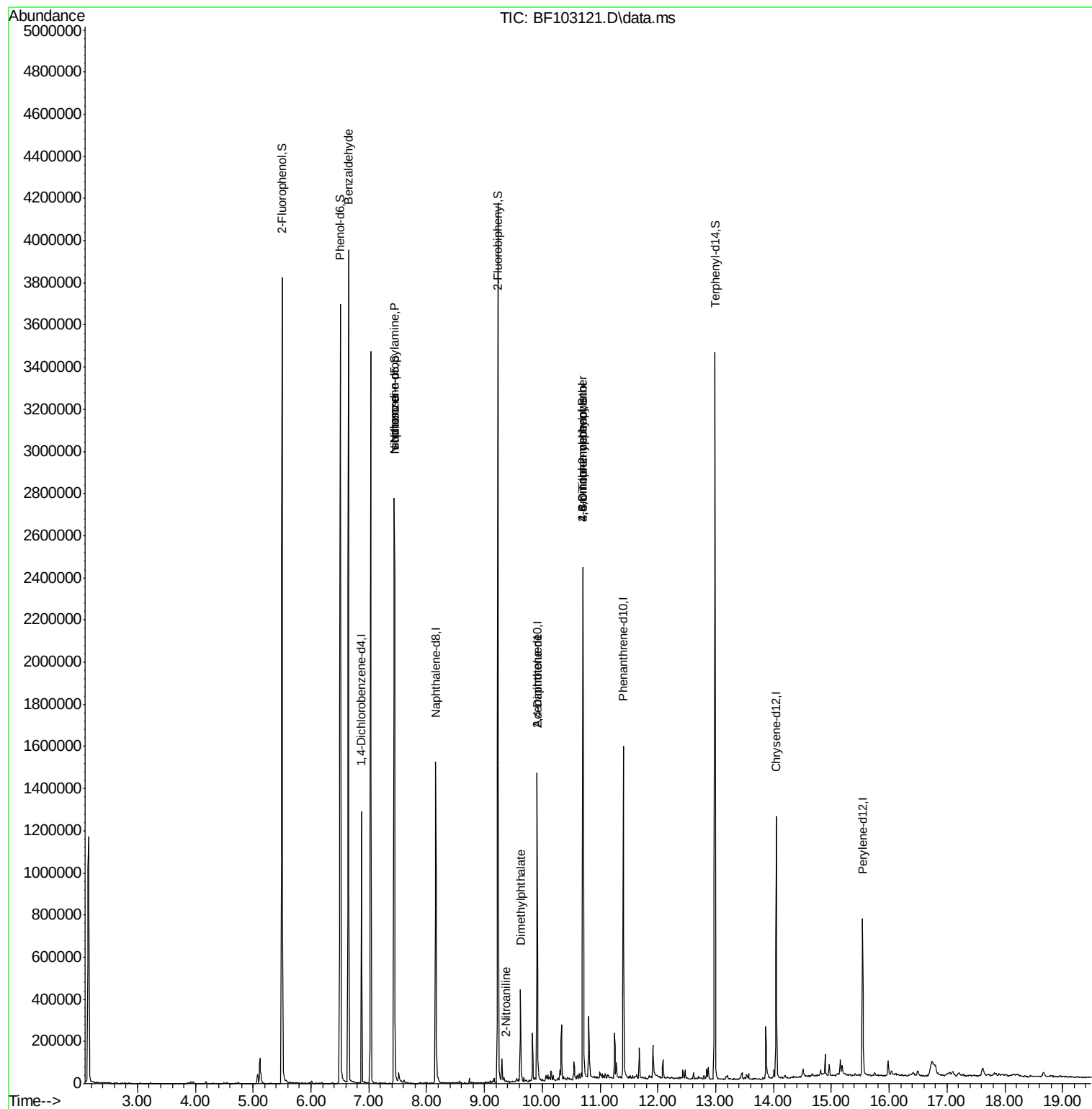
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.875	152	160898	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	684077	20.00	ng	0.00
38) Acenaphthene-d10	9.910	164	311115	20.00	ng	-0.01
63) Phenanthrene-d10	11.404	188	548970	20.00	ng	0.00
75) Chrysene-d12	14.045	240	427102	20.00	ng	-0.01
86) Perylene-d12	15.539	264	354847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1249973	117.98	ng	0.01
7) Phenol-d6	6.510	99	1546088	121.20	ng	0.00
23) Nitrobenzene-d5	7.439	82	1014970	102.93	ng	0.00
41) 2,4,6-Tribromophenol	10.710	330	323683	129.26	ng	0.00
44) 2-Fluorobiphenyl	9.233	172	1371295	73.14	ng	0.00
78) Terphenyl-d14	12.986	244	1335141	74.02	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.651	77	26051	2.75	ng	85
19) n-Nitroso-di-n-propyla...	7.439	70	134173	15.95	ng	# 82
25) Isophorone	7.439	82	1014955	44.70	ng	# 64
47) 2-Nitroaniline	9.386	65	113	3.49	ng	# 2
49) Dimethylphthalate	9.621	163	148948	6.14	ng	100
56) 2,4-Dinitrotoluene	9.910	165	39248	9.01	ng	# 23
64) 4,6-Dinitro-2-methylph...	10.704	198	613	9.04	ng	# 1
66) 4-Bromophenyl-phenylether	10.710	248	21068	3.63	ng	# 1

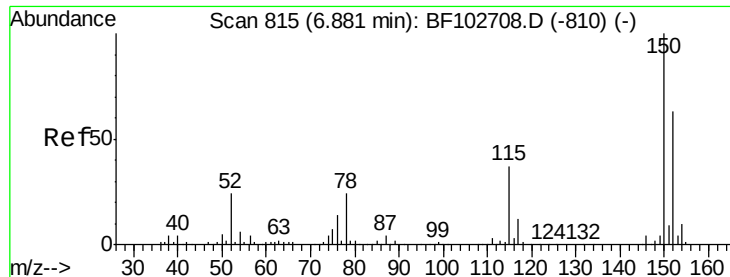
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.875 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

Instrument :

BNA_F

ClientSampleId :

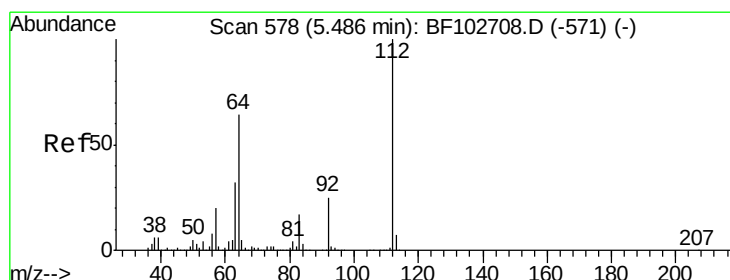
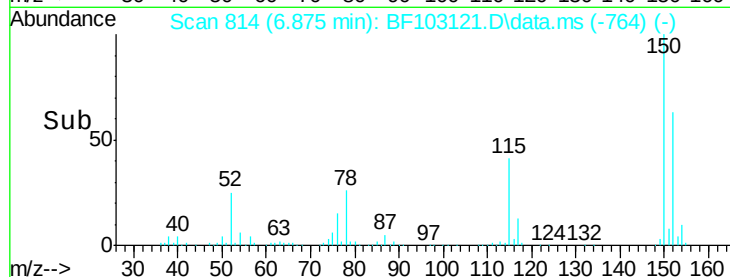
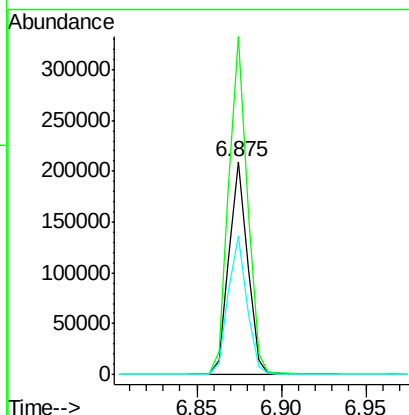
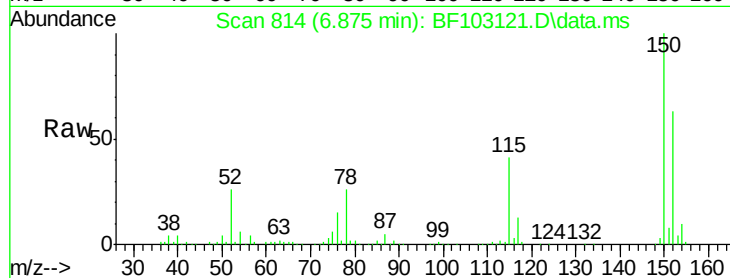
Tot Ion:152 Resp: 160898

Ion Ratio Lower Upper

152 100

150 159.0 124.6 186.8

115 64.9 50.1 75.1



#5

2-Fluorophenol

Concen: 117.98 ng

RT: 5.504 min Scan# 581

Delta R.T. 0.012 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

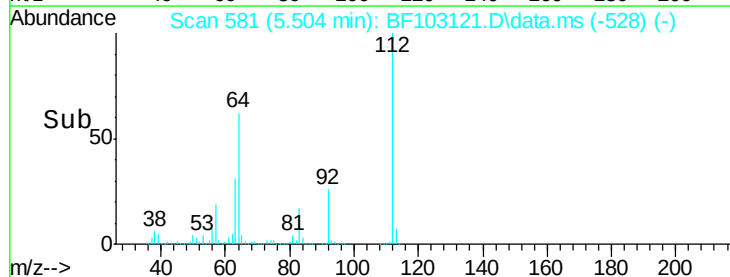
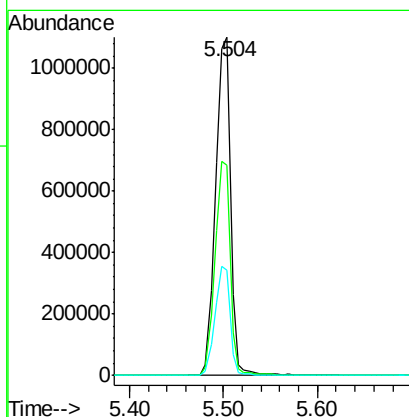
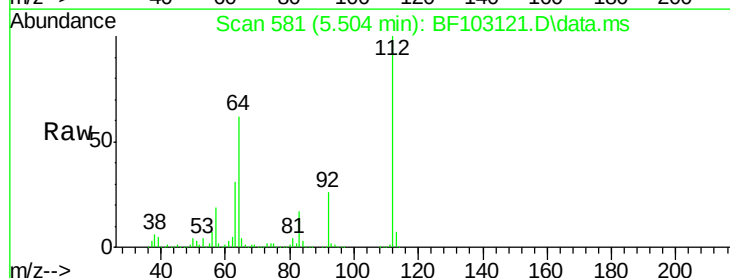
Tgt Ion:112 Resp: 1249973

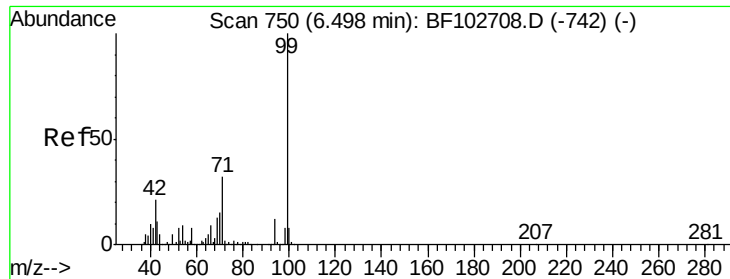
Ion Ratio Lower Upper

112 100

64 62.1 47.9 71.9

63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 121.20 ng

RT: 6.510 min Scan# 75

Delta R.T. -0.000 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

Instrument :

BNA_F

ClientSampled :

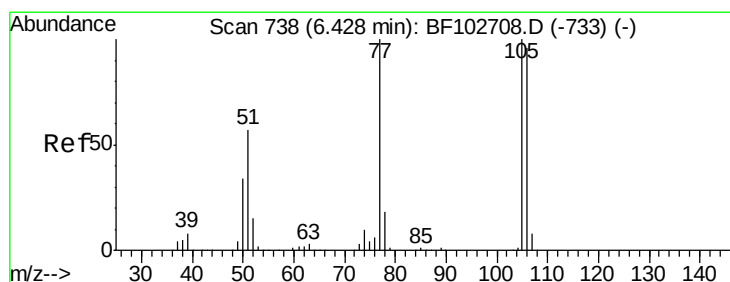
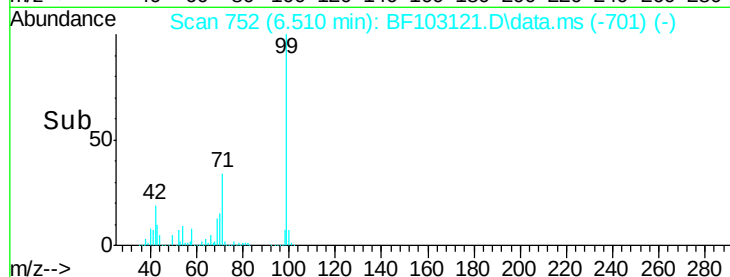
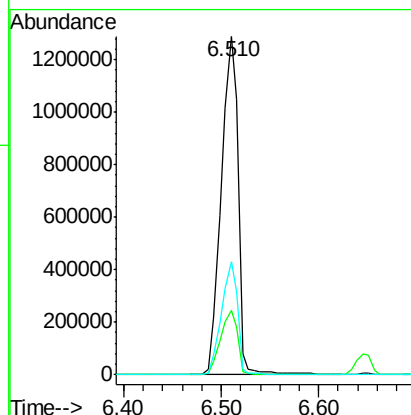
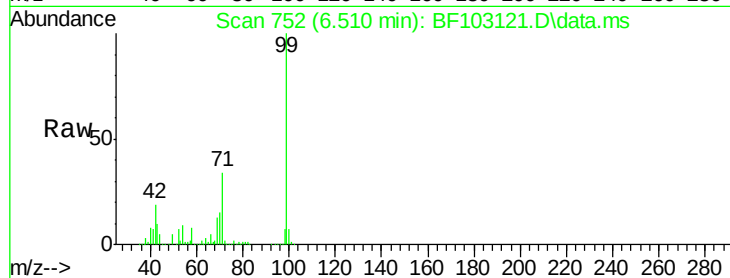
Tot Ion: 99 Resp: 1546088

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.5 25.4 38.0



#9

Benzaldehyde

Concen: 2.75 ng

RT: 6.651 min Scan# 776

Delta R.T. 0.217 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

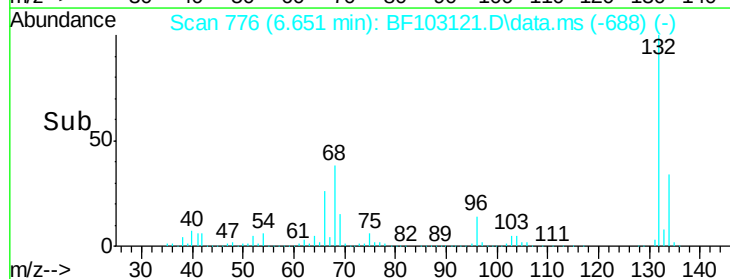
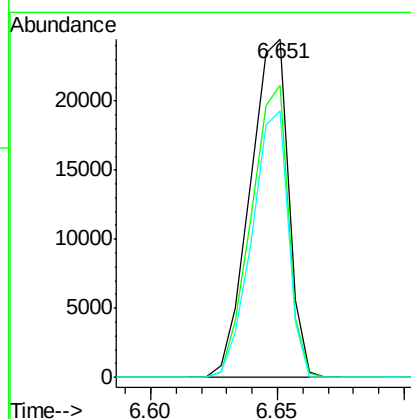
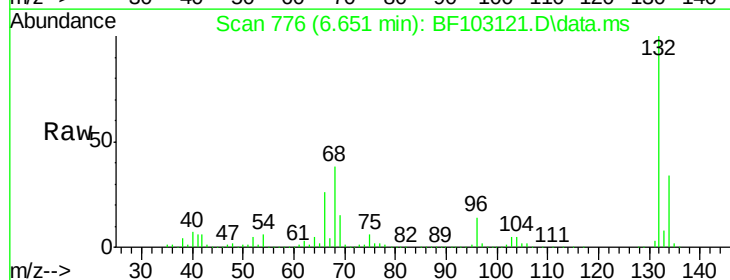
Tgt Ion: 77 Resp: 26051

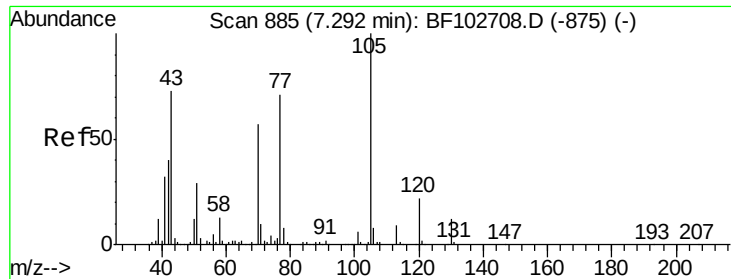
Ion Ratio Lower Upper

77 100

105 86.4 81.1 121.1

106 78.9 74.5 114.5

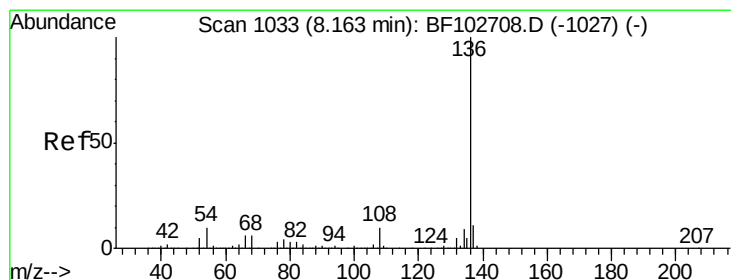
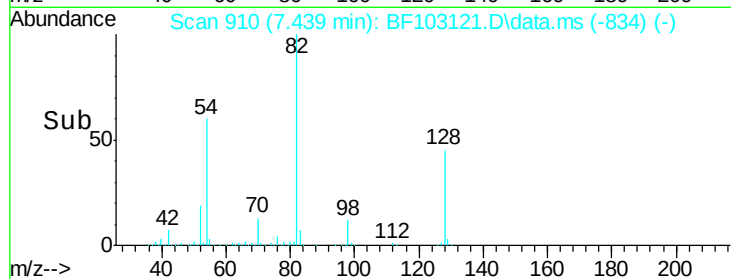
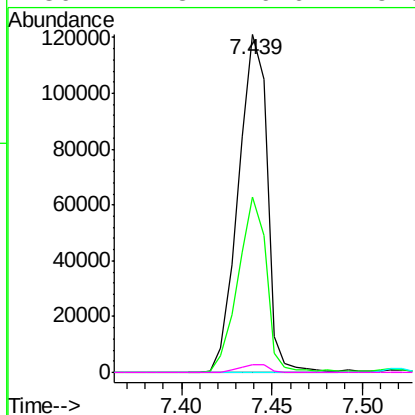
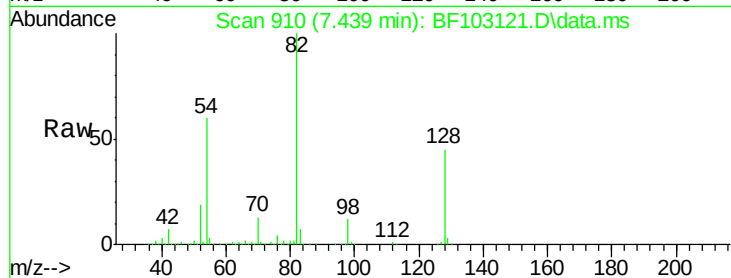




#19
n-Nitroso-di-n-propylamine
Concen: 15.95 ng
RT: 7.439 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF103121.D
Acq: 20 Feb 2018 18:04

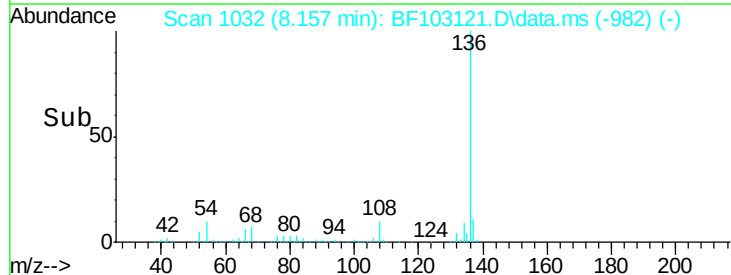
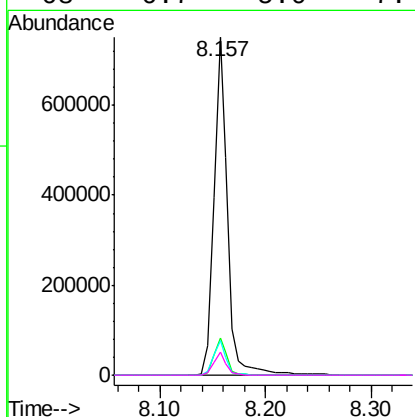
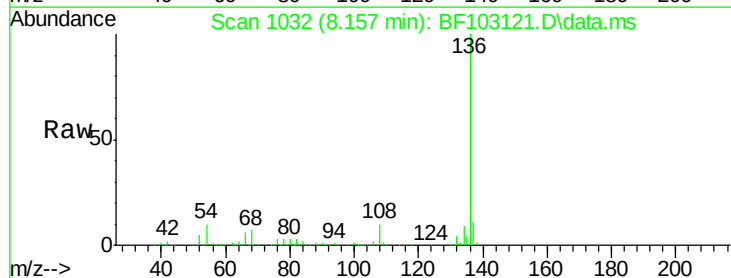
Instrument :
BNA_F
ClientSampleId :

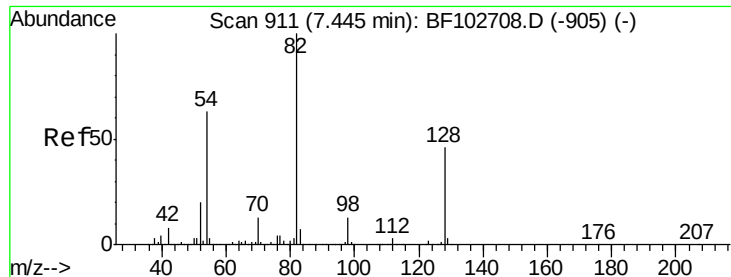
Tot Ion: 70 Resp: 134173
Ion Ratio Lower Upper
70 100
42 51.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF103121.D
Acq: 20 Feb 2018 18:04

Tgt Ion: 136 Resp: 684077
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.1 6.6 9.8#
68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 102.93 ng

RT: 7.439 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

Instrument :

BNA_F

ClientSampleId :

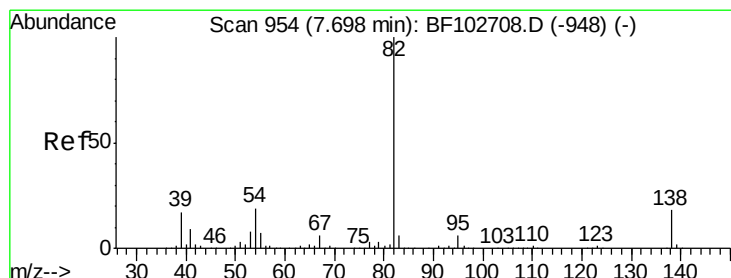
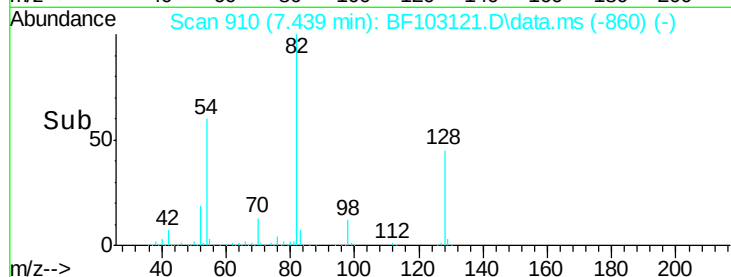
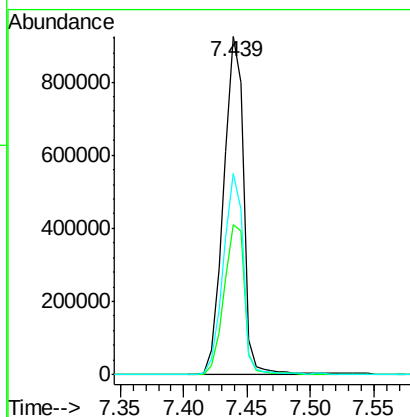
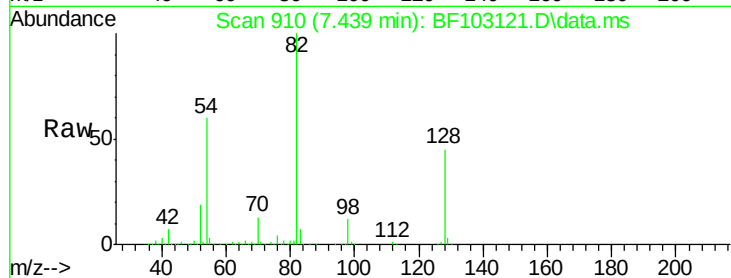
Tot Ion: 82 Resp: 1014970

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

54 59.5 41.4 62.2



#25

Isophorone

Concen: 44.70 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.259 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

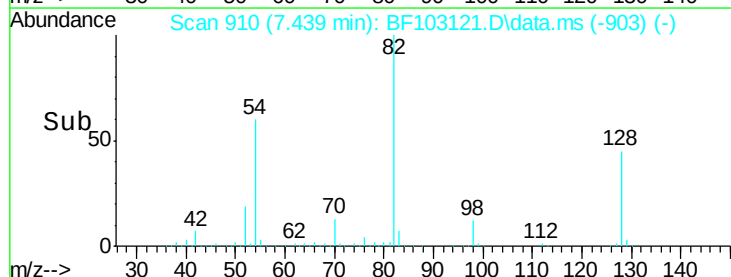
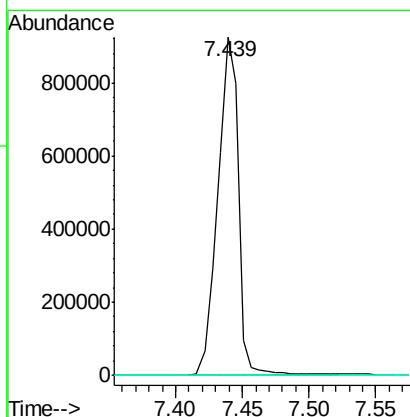
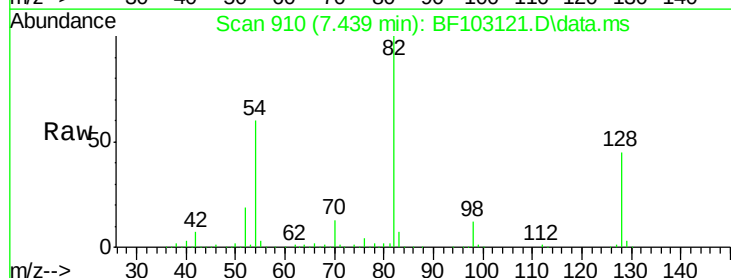
Tgt Ion: 82 Resp: 1014955

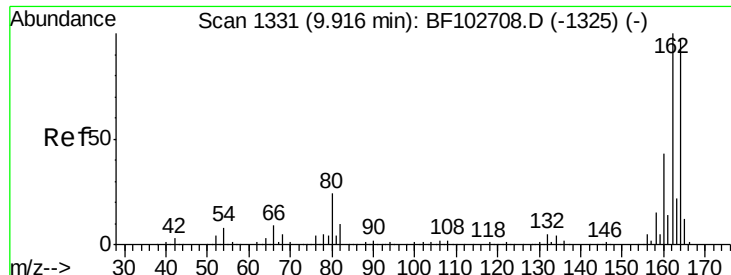
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1331

Delta R.T. -0.012 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

Instrument :

BNA_F

ClientSampleId :

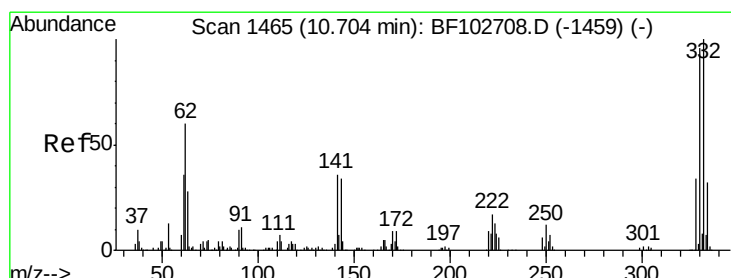
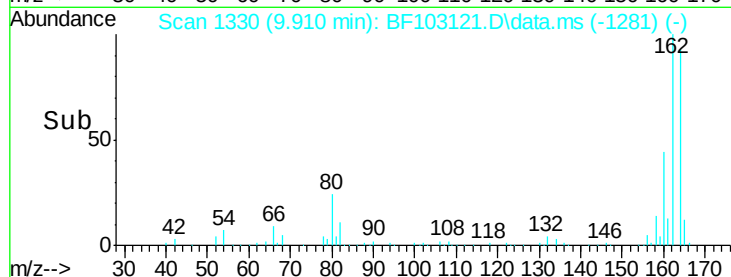
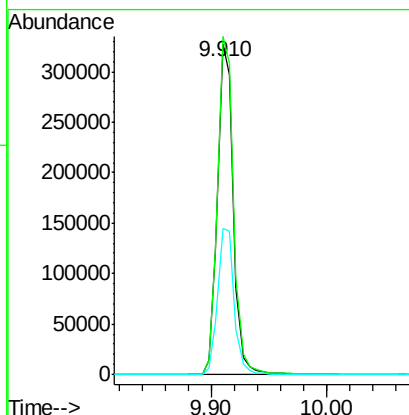
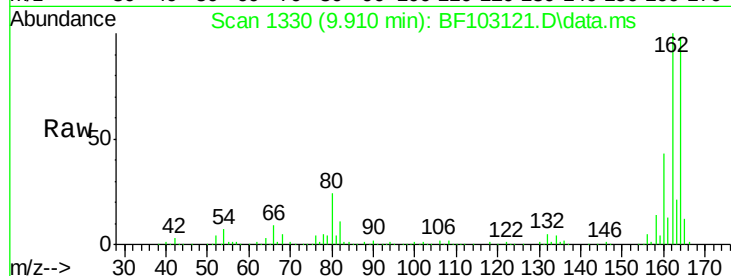
Tot Ion:164 Resp: 311115

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

160 44.4 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 129.26 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

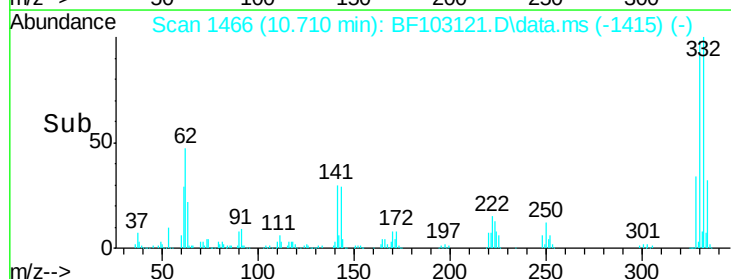
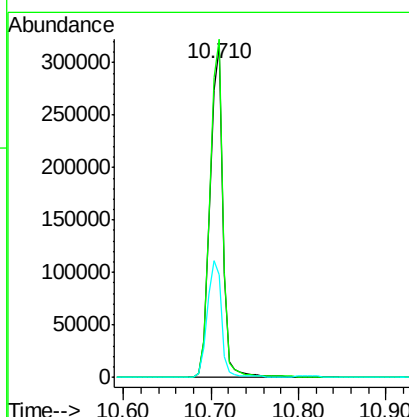
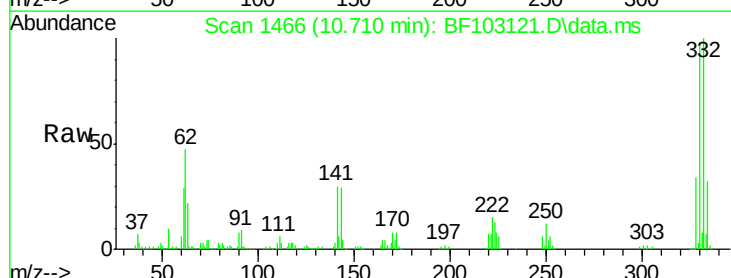
Tgt Ion:330 Resp: 323683

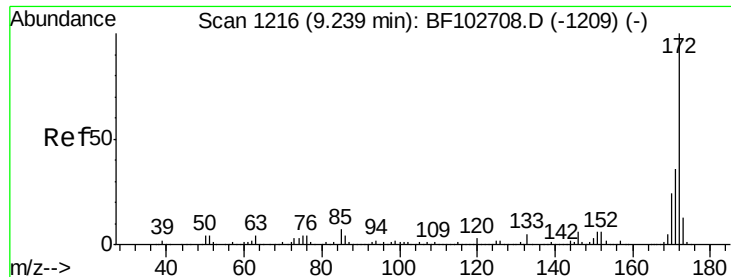
Ion Ratio Lower Upper

330 100

332 102.3 77.0 115.6

141 38.9 29.9 44.9



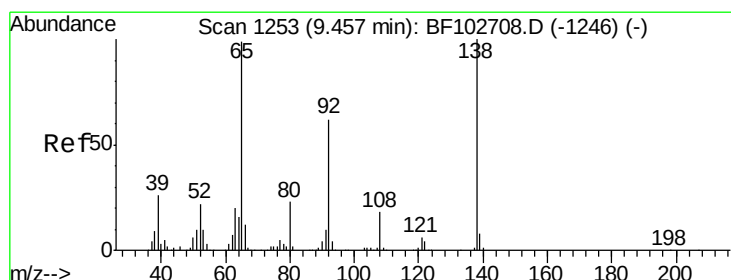
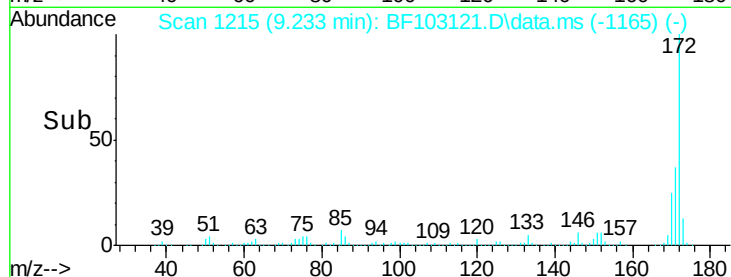
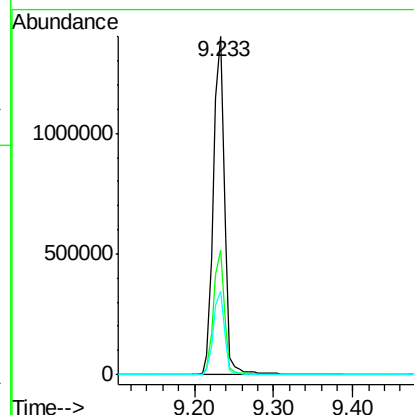
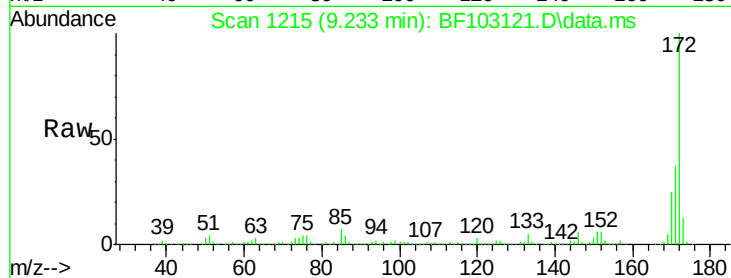


#44
 2-Fluorobiphenyl
 Concen: 73.14 ng
 RT: 9.233 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF103121.D
 Acq: 20 Feb 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1371295

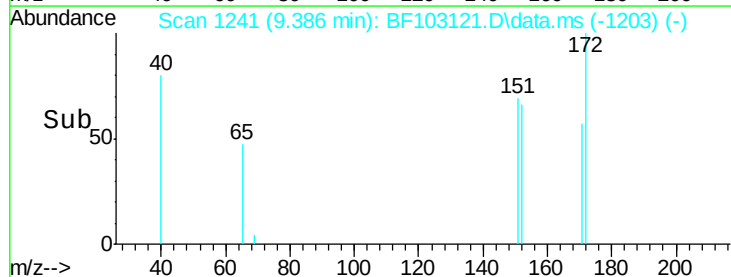
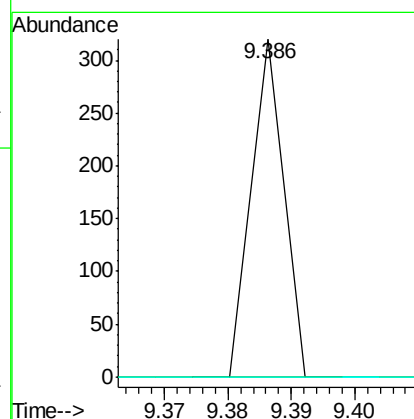
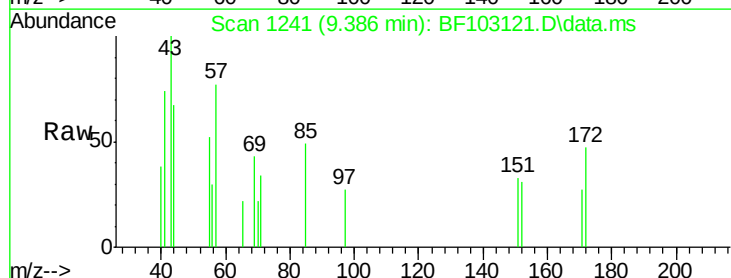
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

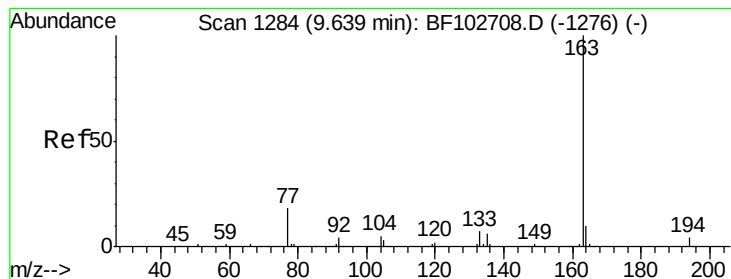


#47
 2-Nitroaniline
 Concen: 3.49 ng
 RT: 9.386 min Scan# 1241
 Delta R.T. -0.077 min
 Lab File: BF103121.D
 Acq: 20 Feb 2018 18:04

Tgt Ion: 65 Resp: 113

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#





#49

Dimethylphthalate

Concen: 6.14 ng

RT: 9.621 min Scan# 12

Delta R.T. -0.018 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

Instrument :

BNA_F

ClientSampleId :

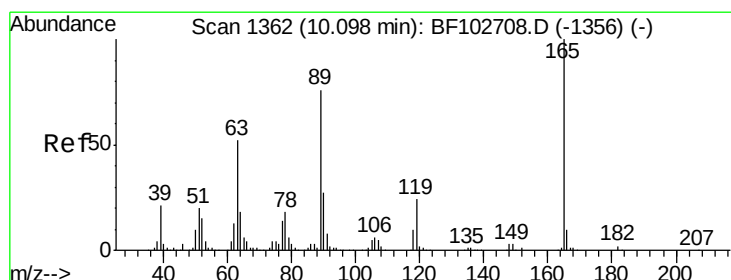
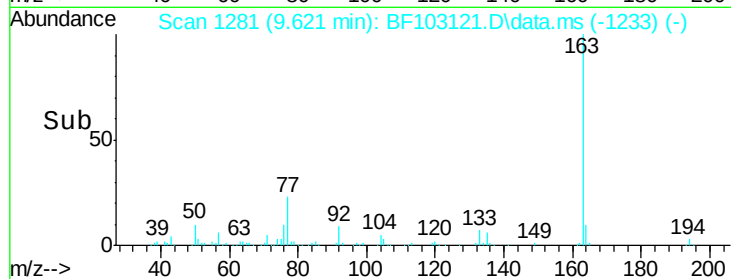
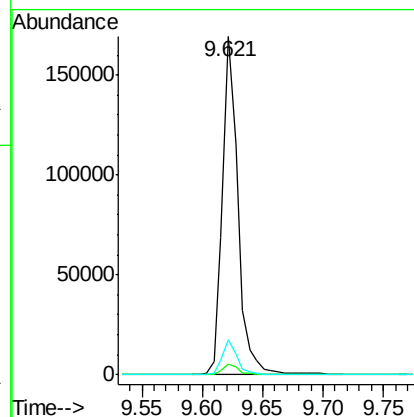
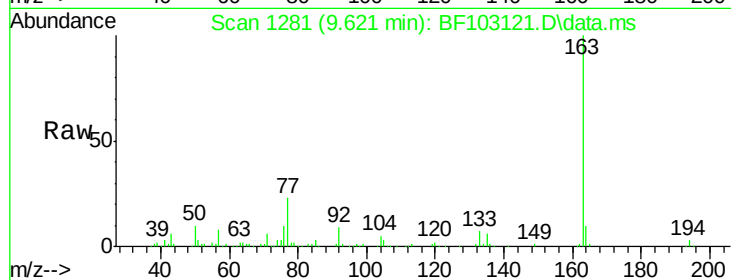
Tot Ion:163 Resp: 148948

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

164 10.1 8.2 12.2



#56

2,4-Dinitrotoluene

Concen: 9.01 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.200 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

Tgt Ion:165 Resp: 39248

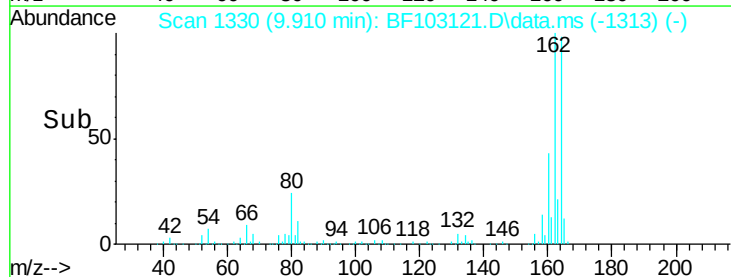
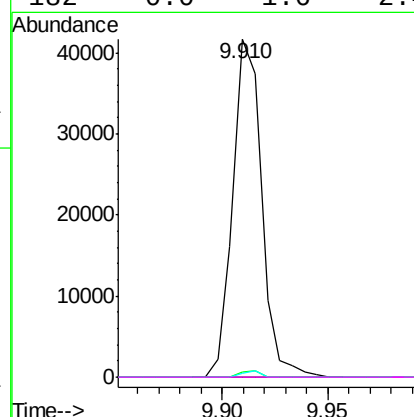
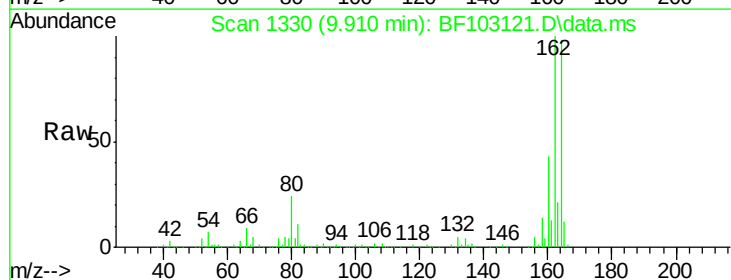
Ion Ratio Lower Upper

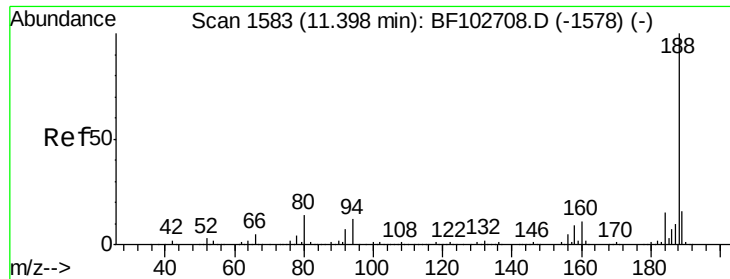
165 100

63 1.5 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.404 min Scan# 15

Delta R.T. -0.006 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

Instrument :

BNA_F

ClientSampleId :

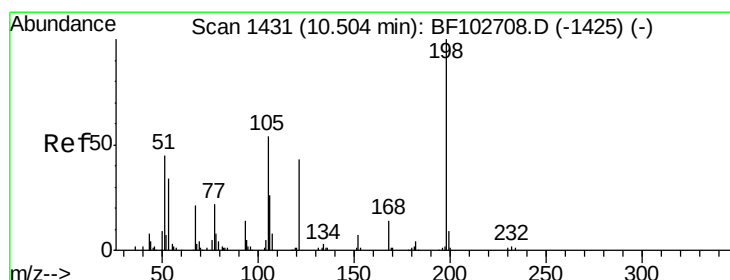
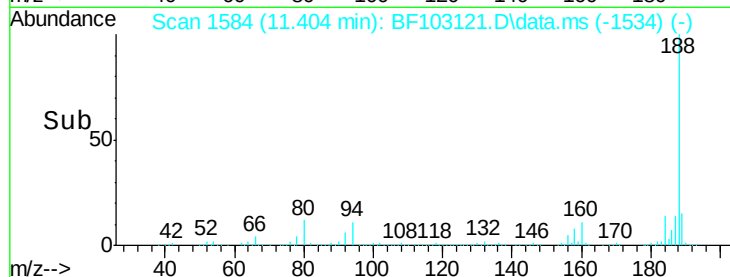
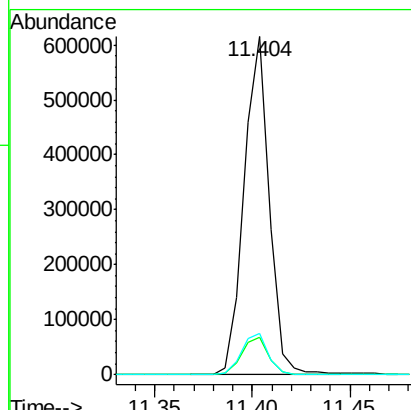
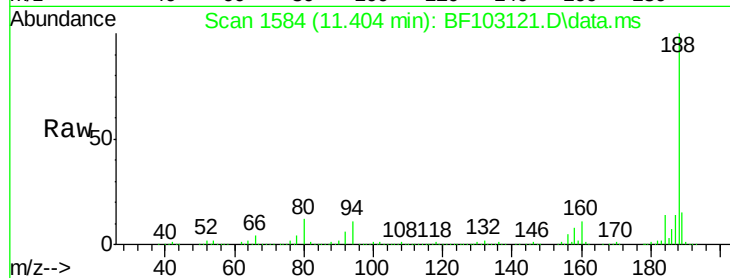
Tot Ion:188 Resp: 548970

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

80 12.0 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 9.04 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.182 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

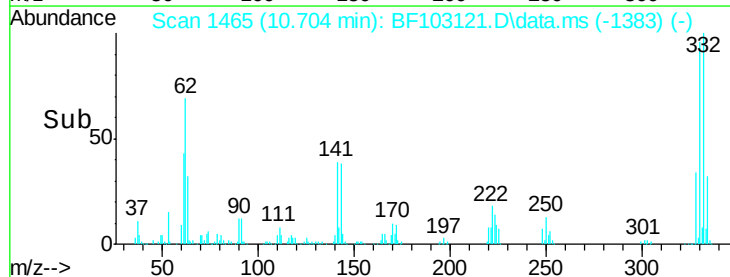
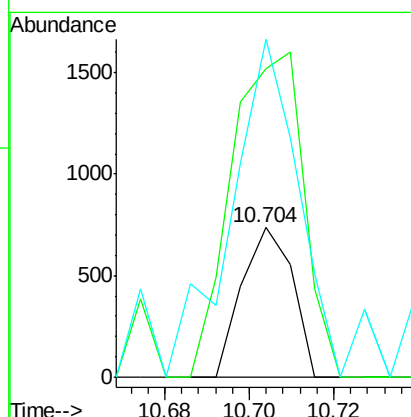
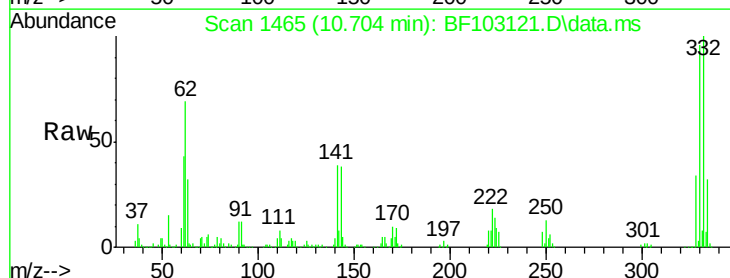
Tgt Ion:198 Resp: 613

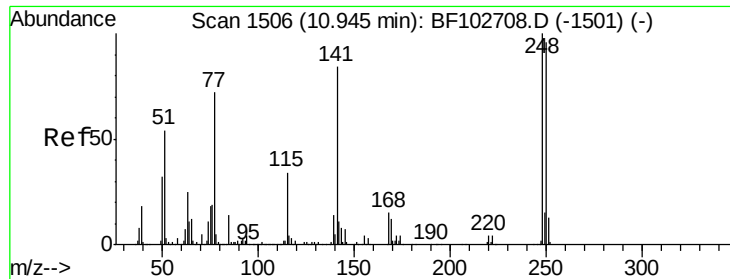
Ion Ratio Lower Upper

198 100

51 206.2 37.7 77.7#

105 225.8 36.3 76.3#

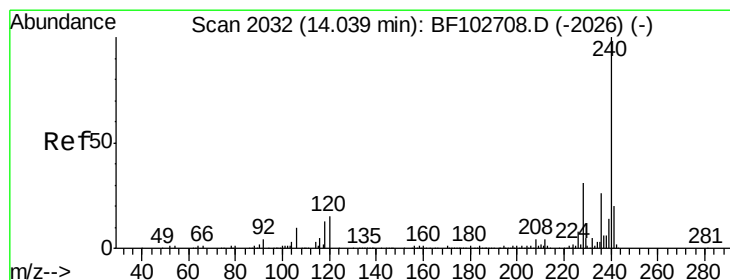
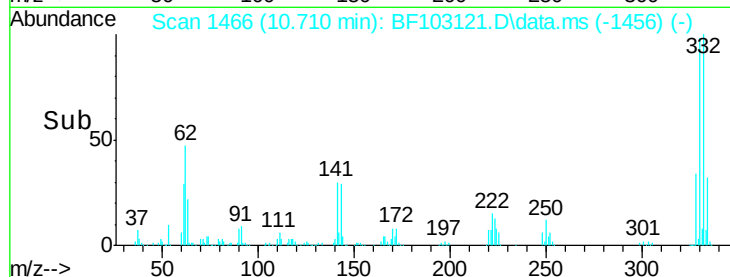
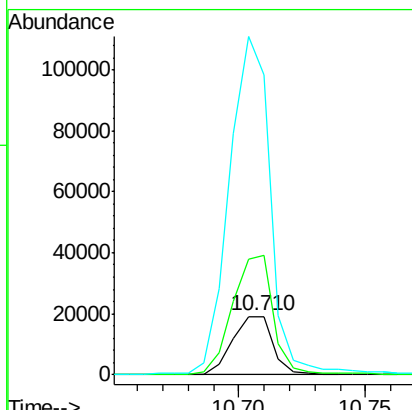
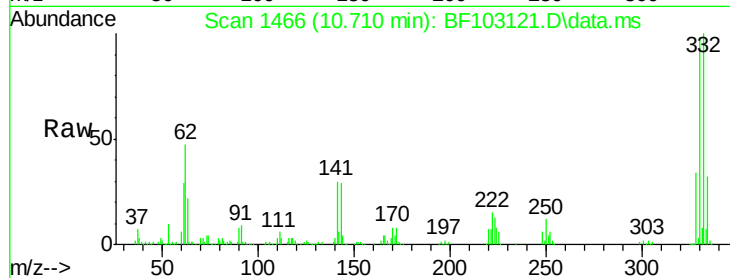




#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF103121.D
Acq: 20 Feb 2018 18:04

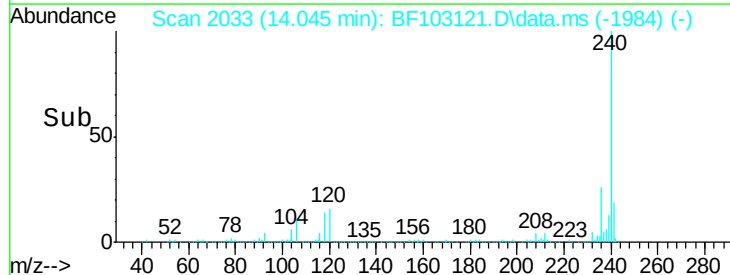
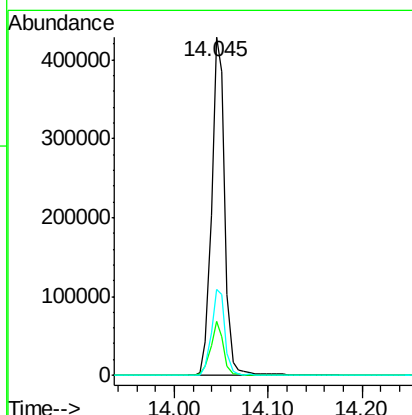
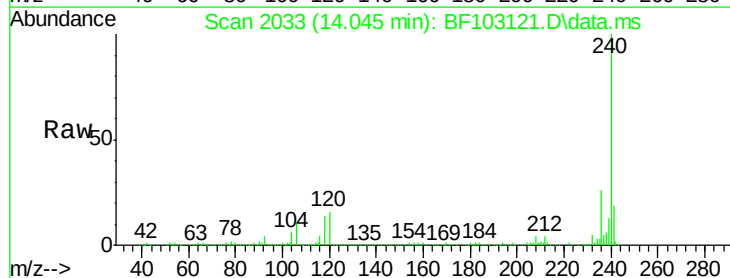
Instrument :
BNA_F
ClientSampled :

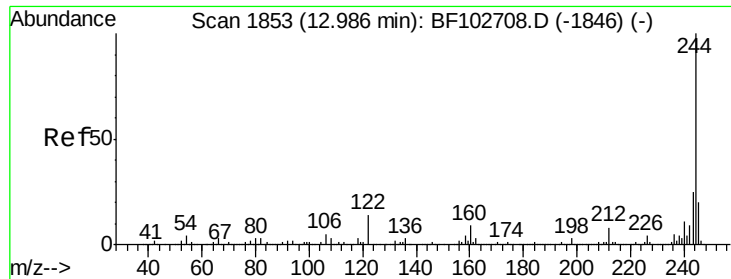
Tot Ion:248 Resp: 21068
Ion Ratio Lower Upper
248 100
250 207.1 76.9 115.3#
141 518.3 74.4 111.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF103121.D
Acq: 20 Feb 2018 18:04

Tgt Ion:240 Resp: 427102
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 74.02 ng

RT: 12.986 min Scan# 18

Delta R.T. -0.006 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

Instrument :

BNA_F

ClientSampleId :

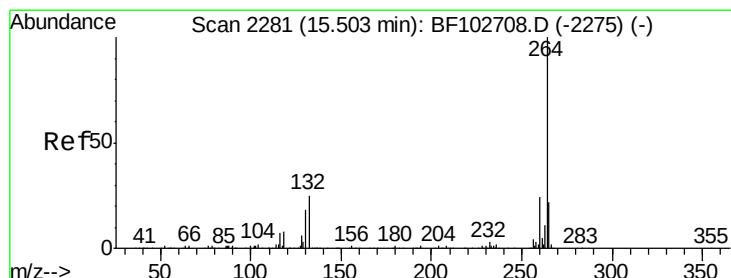
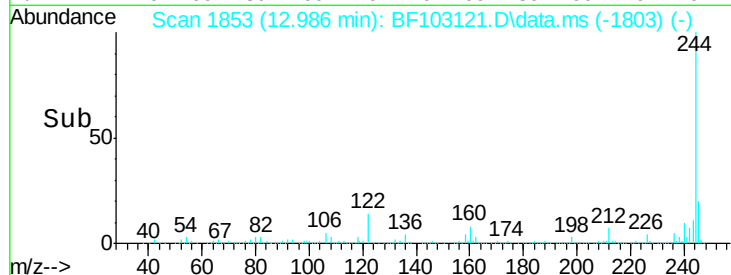
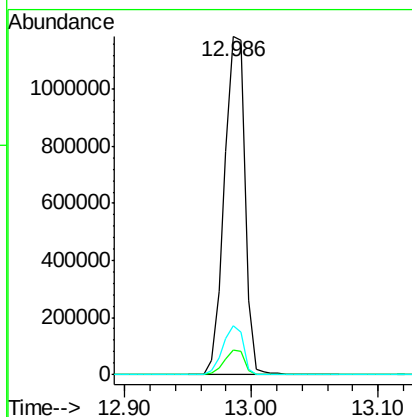
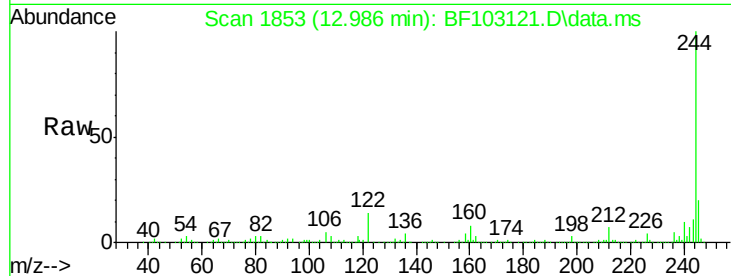
Tot Ion:244 Resp: 1335141

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 14.5 11.0 16.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF103121.D

Acq: 20 Feb 2018 18:04

Tgt Ion:264 Resp: 354847

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 21.6 17.5 26.3

