

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102282.D
 Acq On : 21 Jan 2018 00:50
 Operator : SJ/JU
 Sample : J1189-06DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:27:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

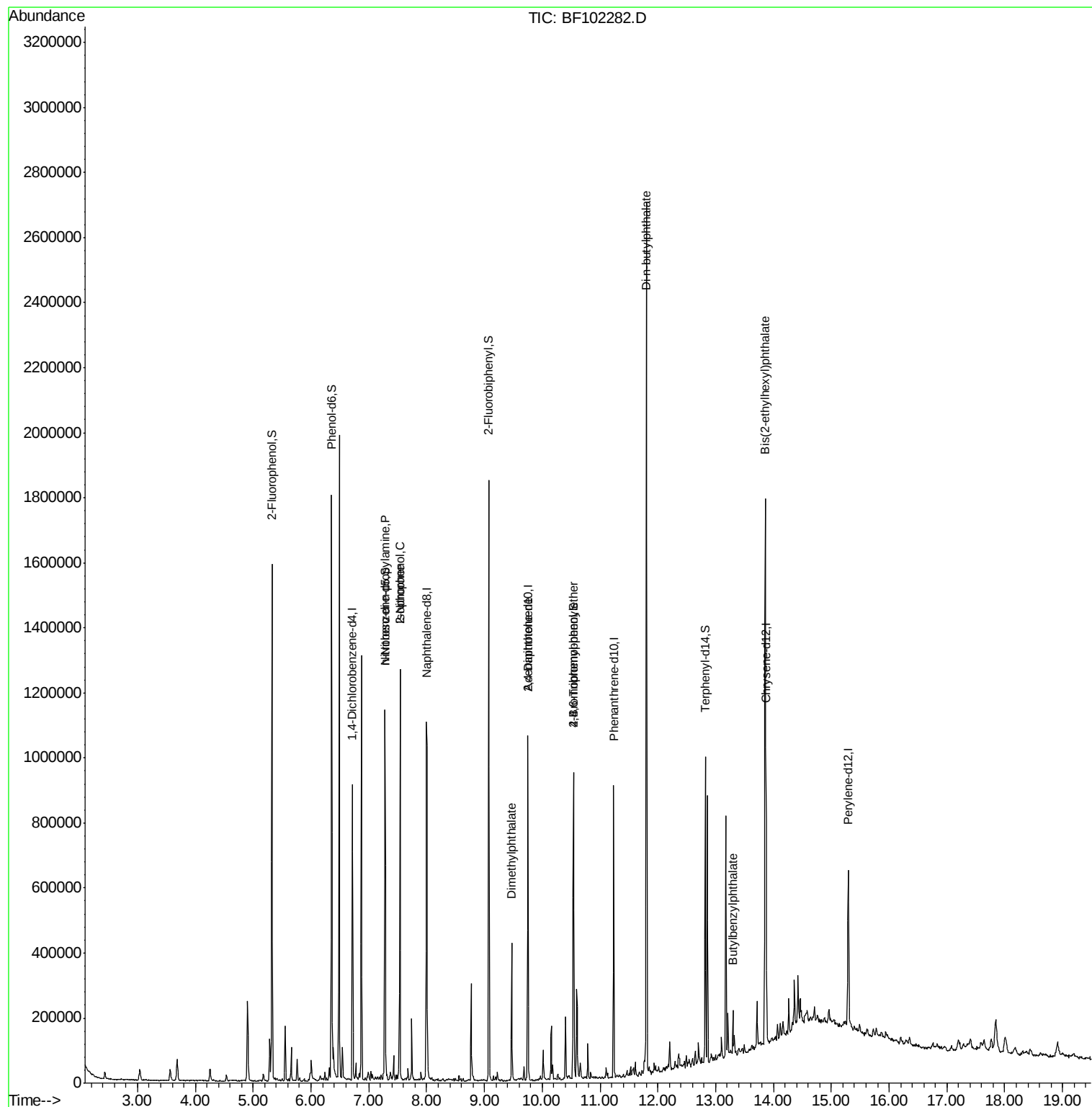
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130053	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	516907	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	209612	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	299406	20.00	ng	0.00
75) Chrysene-d12	13.87	240	245816	20.00	ng	0.00
86) Perylene-d12	15.29	264	200954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	470326	51.07	ng	0.00
7) Phenol-d6	6.36	99	560809	51.04	ng	-0.01
23) Nitrobenzene-d5	7.28	82	332869	37.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	97411	53.25	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	504295	37.59	ng	-0.01
78) Terphenyl-d14	12.82	244	317607	26.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	43362	6.022	ng	# 81
25) Isophorone	7.54	82	442803	25.477	ng	98
26) 2-Nitrophenol	7.54	139	8255	2.087	ng	# 63
49) Dimethylphthalate	9.47	163	177172	10.536	ng	99
56) 2,4-Dinitrotoluene	9.75	165	26145	6.210	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	6436	2.036	ng	# 1
73) Di-n-butylphthalate	11.80	149	1355596	63.377	ng	100
79) Butylbenzylphthalate	13.30	149	31738	3.183	ng	90
83) Bis(2-ethylhexyl)phthalate	13.86	149	432248	37.787	ng	99

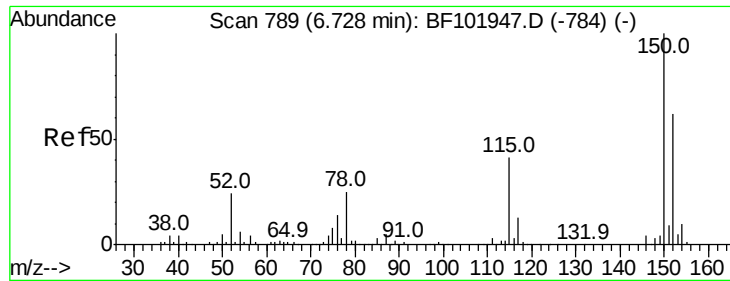
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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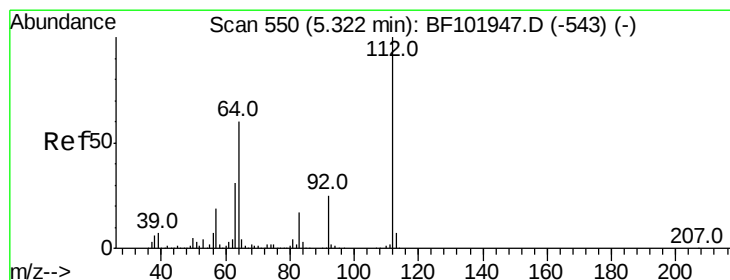
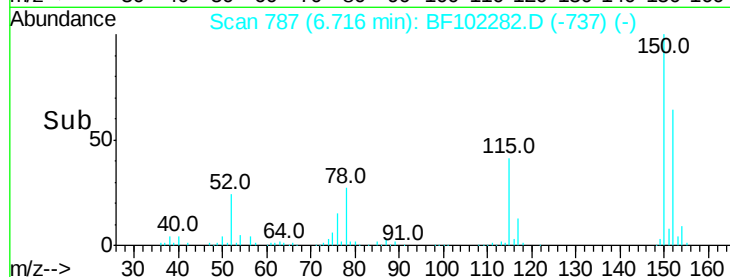
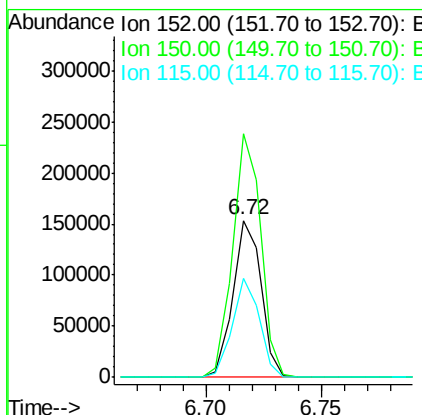
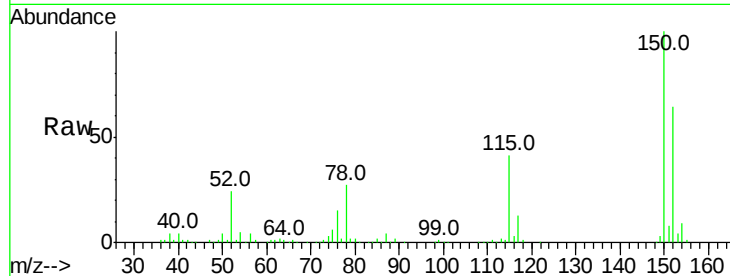


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :

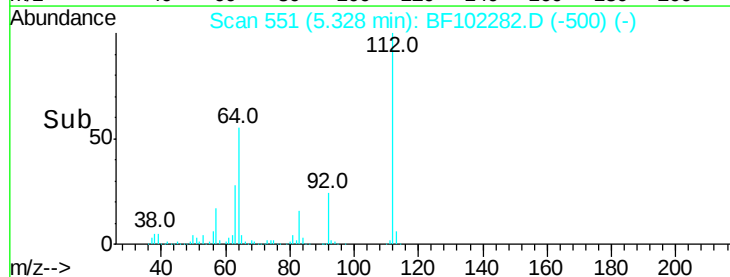
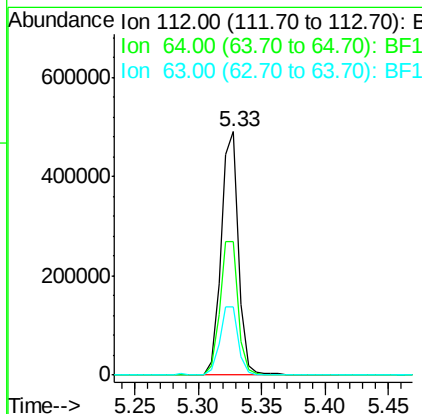
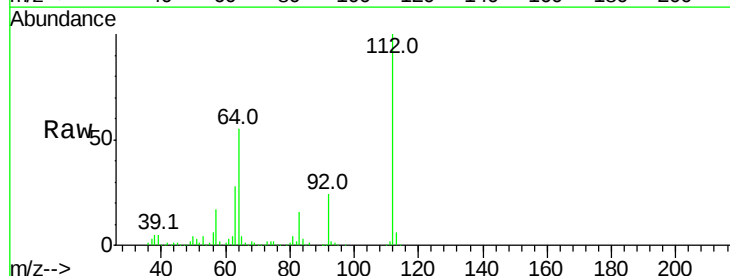
Tot Ion:152 Resp: 130053
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 63.1 50.1 75.1



#5

2-Fluorophenol
Concen: 51.067 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Tgt Ion:112 Resp: 470326
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 51.036 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

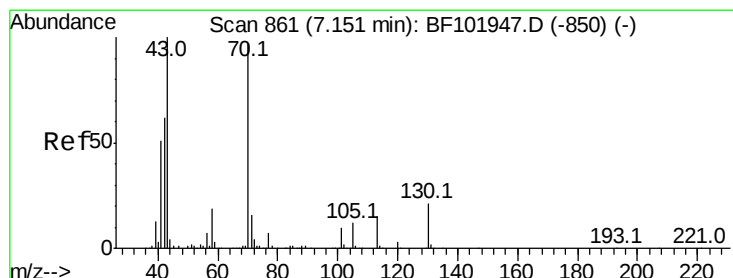
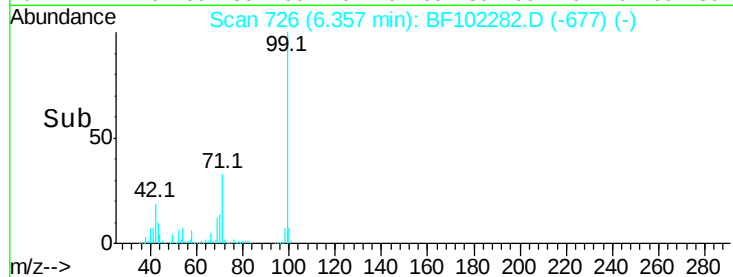
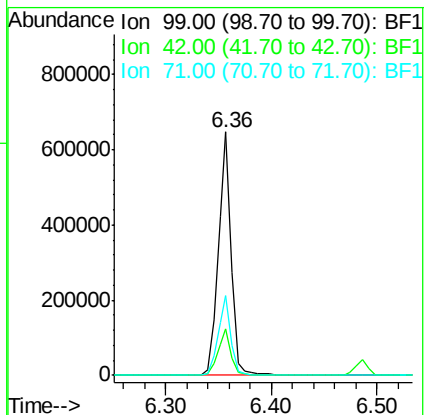
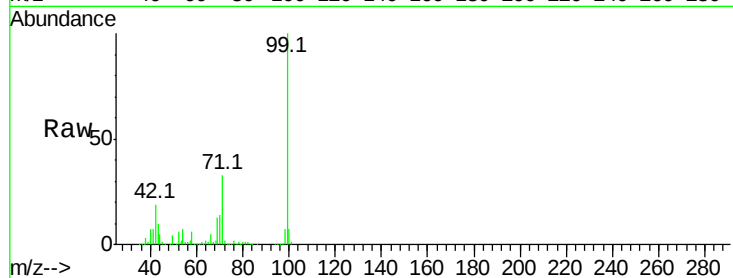
Tot Ion: 99 Resp: 560809

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 32.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.022 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

Tgt Ion: 70 Resp: 43362

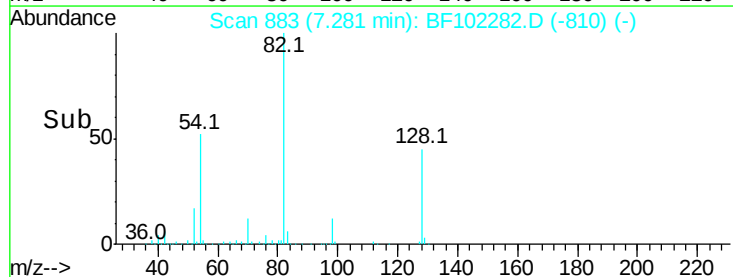
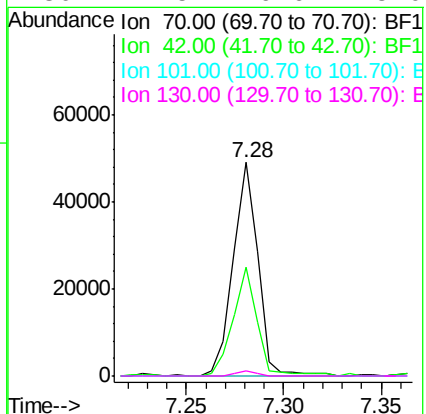
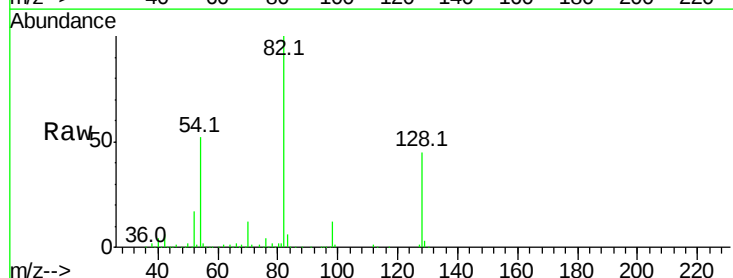
Ion Ratio Lower Upper

70 100

42 50.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

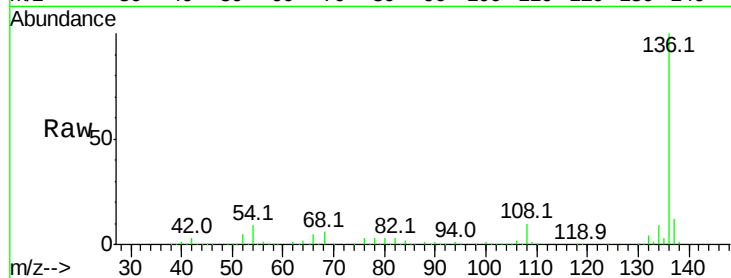




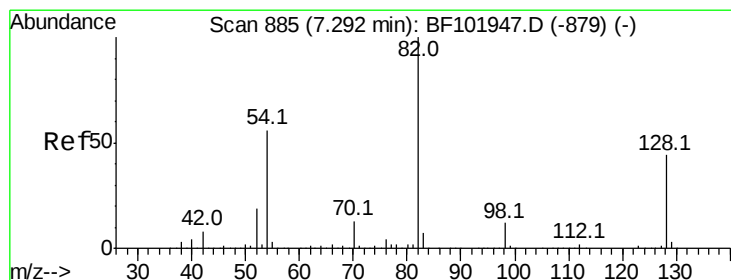
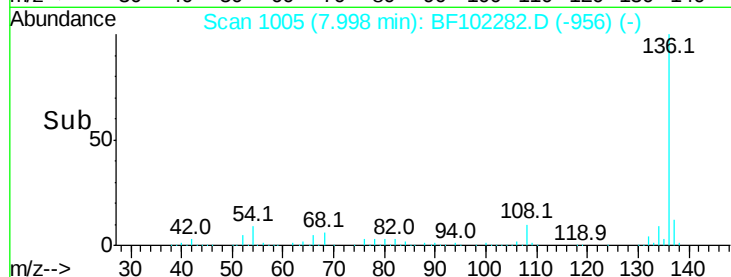
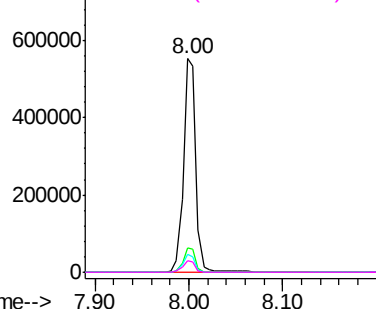
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	516907
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	8.6	6.6	9.8
68	5.5	5.0	7.4

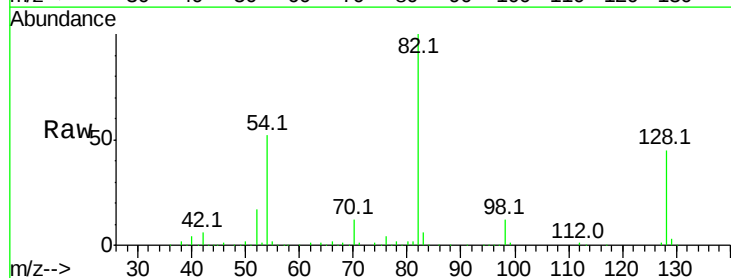


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

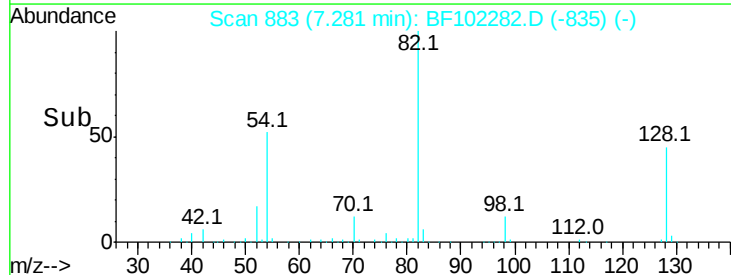
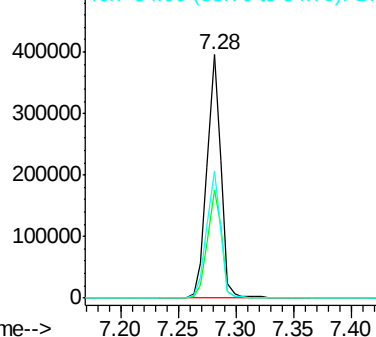


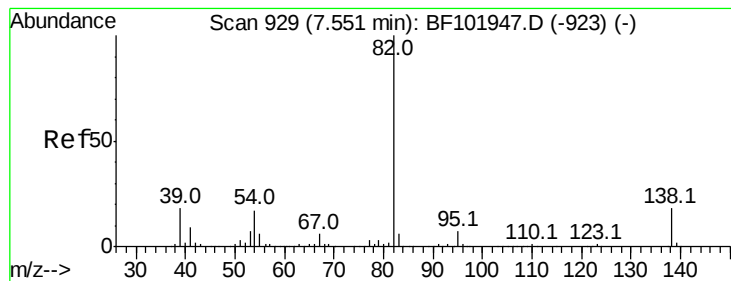
#23
Nitrobenzene-d5
Concen: 37.842 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Tgt Ion:	82	Resp:	332869
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	52.4	41.4	62.2



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: 25.477 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

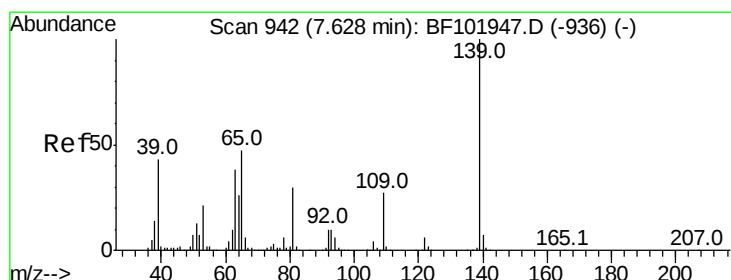
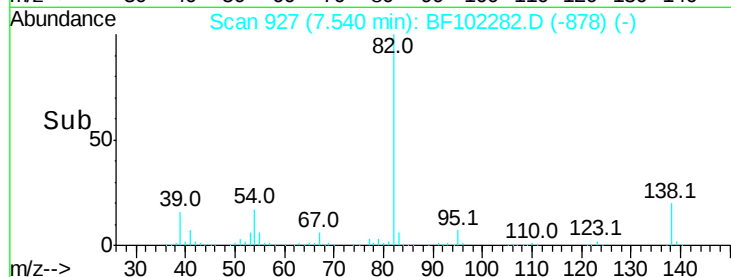
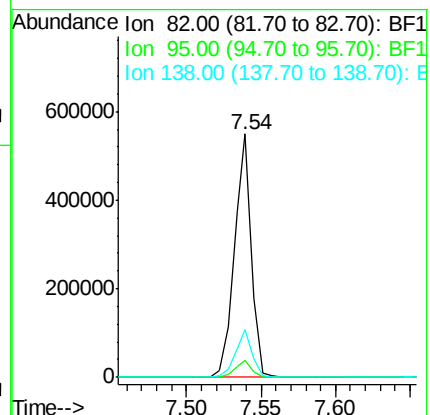
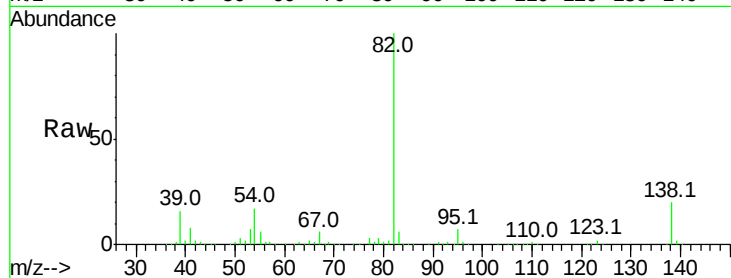
Tot Ion: 82 Resp: 442803

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 19.9 14.9 22.3



#26

2-Nitrophenol

Concen: 2.087 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.09 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

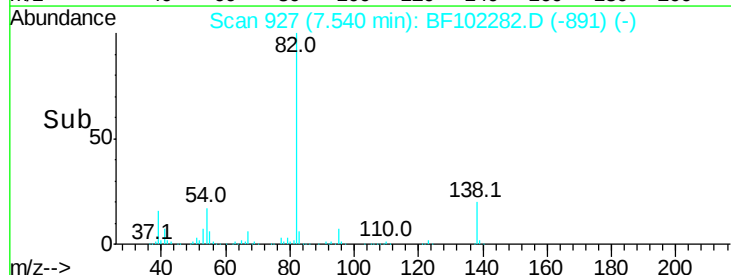
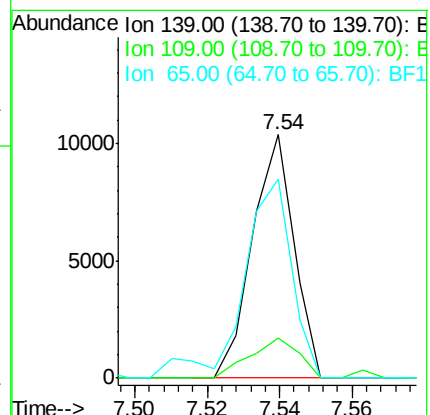
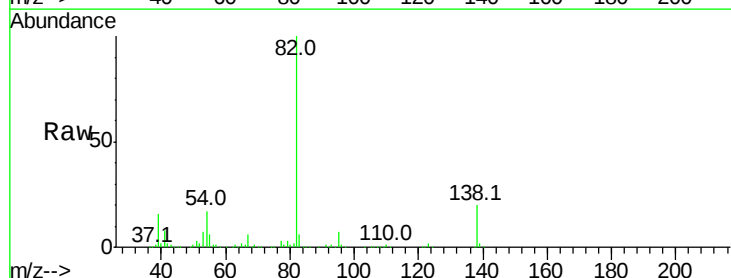
Tgt Ion: 139 Resp: 8255

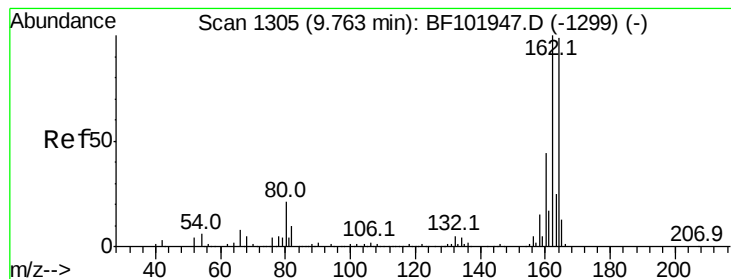
Ion Ratio Lower Upper

139 100

109 16.4 22.7 34.1#

65 81.6 40.5 60.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

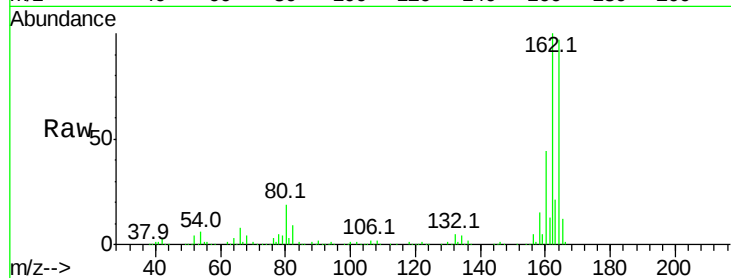
Tot Ion:164 Resp: 209612

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

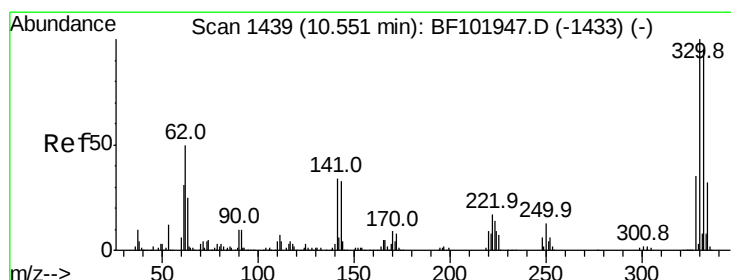
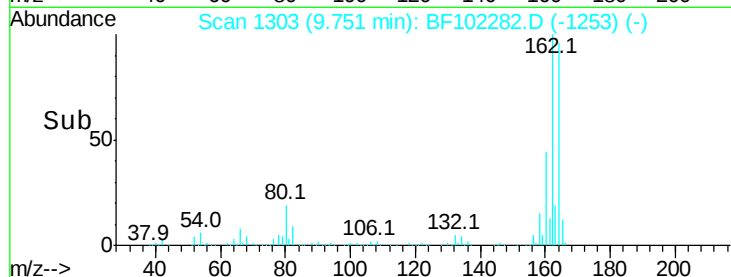
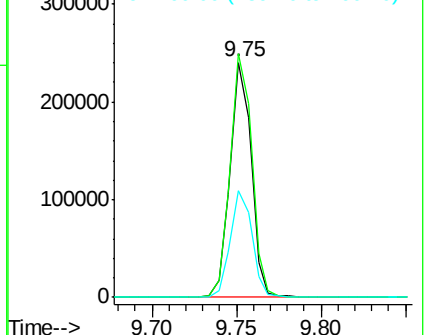
160 45.1 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 53.252 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

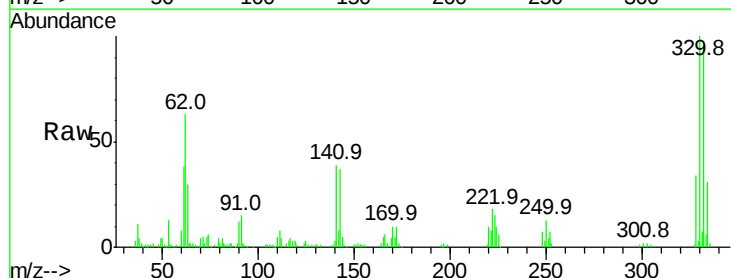
Tgt Ion:330 Resp: 97411

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

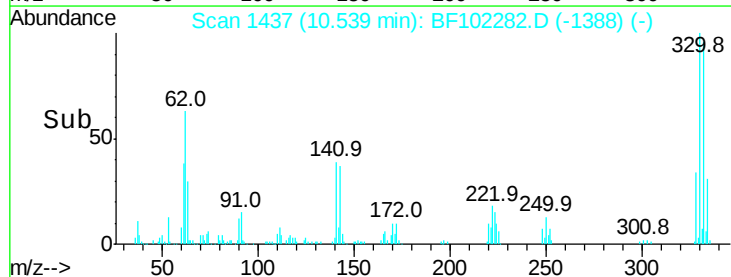
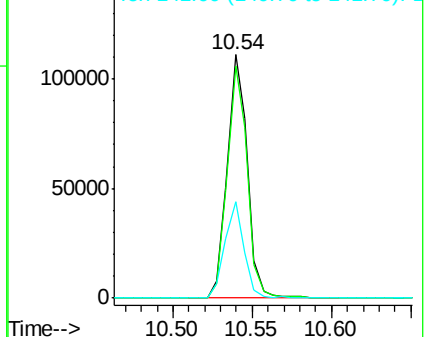
141 38.0 29.9 44.9



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

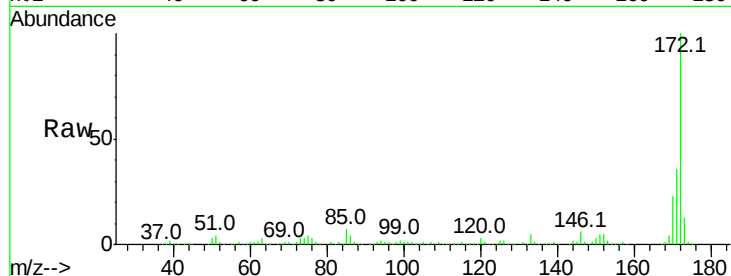




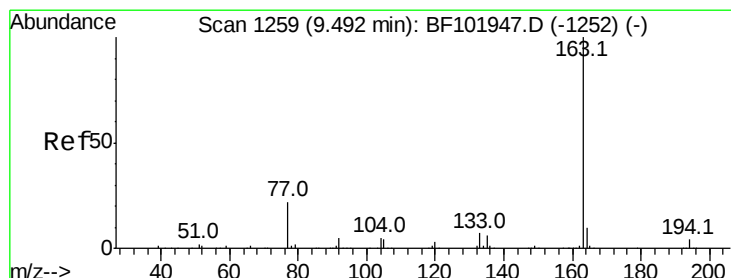
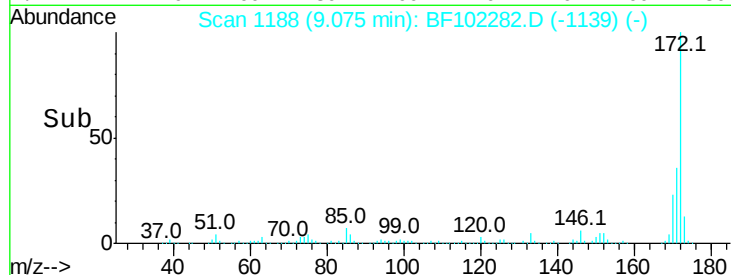
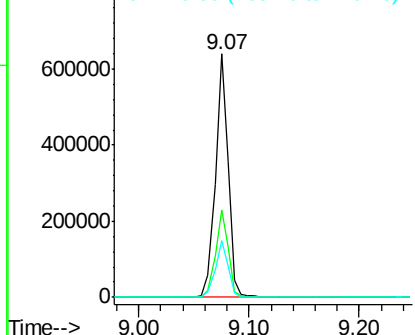
#44
2-Fluorobiphenyl
Concen: 37.586 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 504295
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.5 19.6 29.4

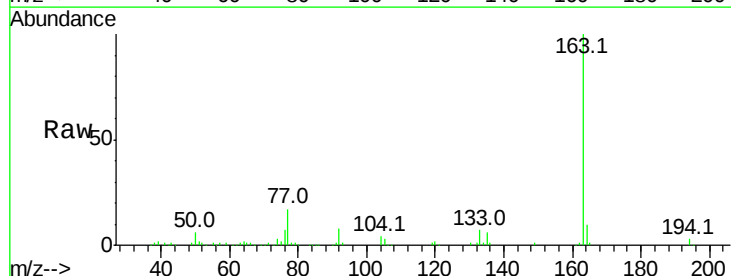


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

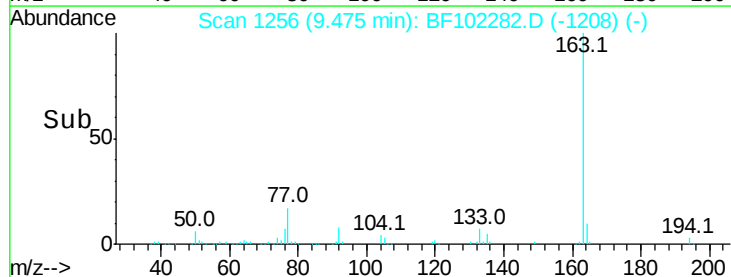
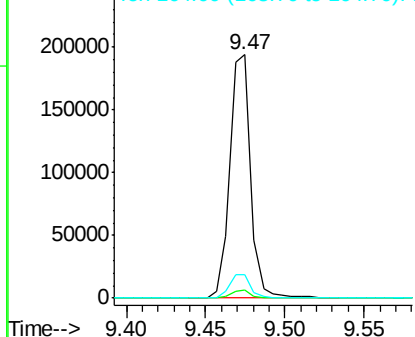


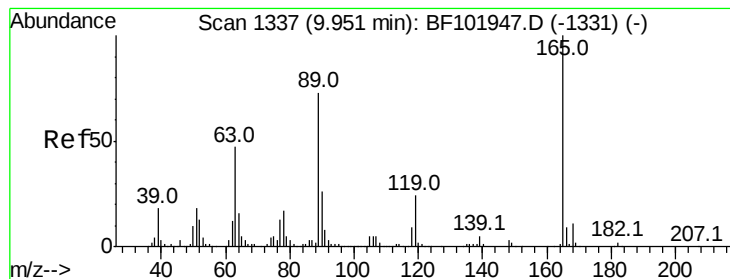
#49
Dimethylphthalate
Concen: 10.536 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Tgt Ion:163 Resp: 177172
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.6 8.2 12.2



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





#56

2,4-Dinitrotoluene

Concen: 6.210 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 26145

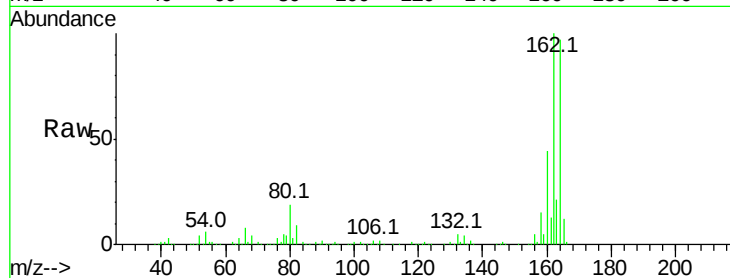
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

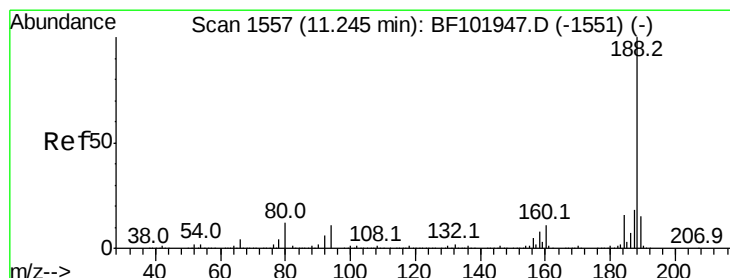
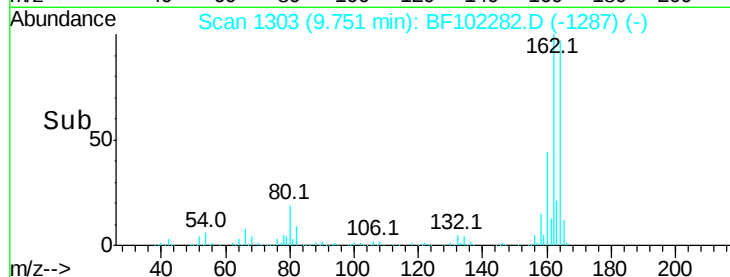
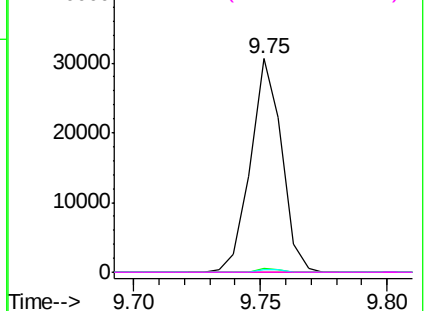


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

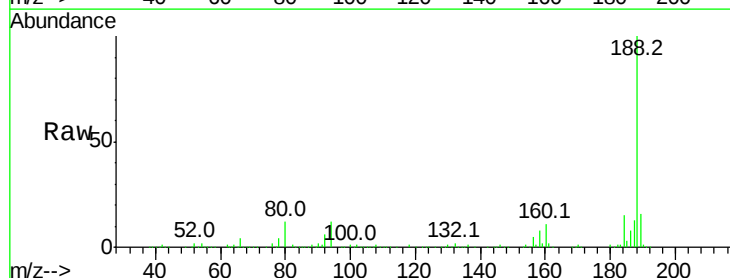
Tgt Ion:188 Resp: 299406

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

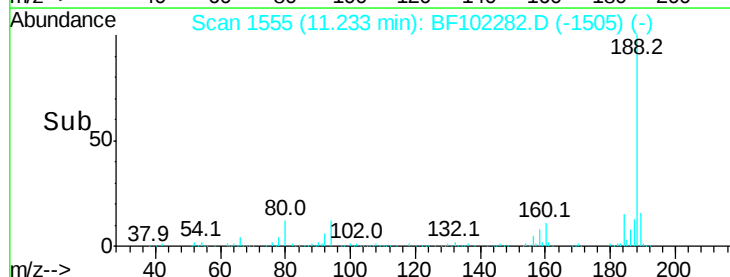
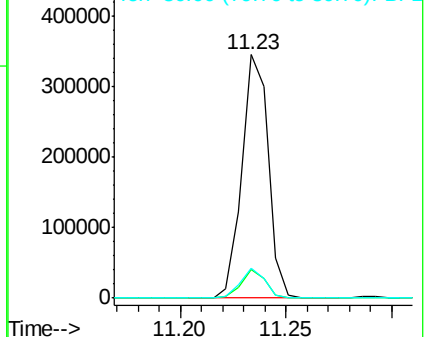
80 12.4 9.2 13.8

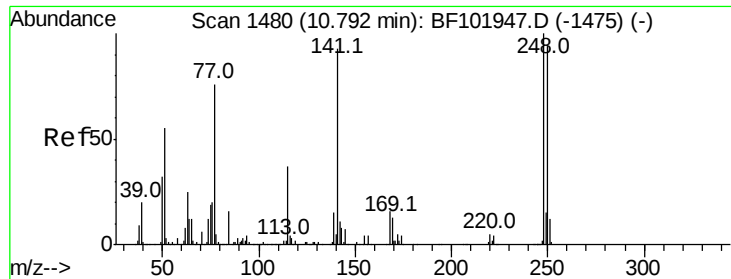


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

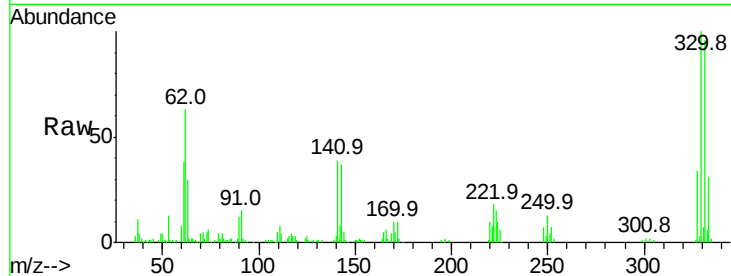




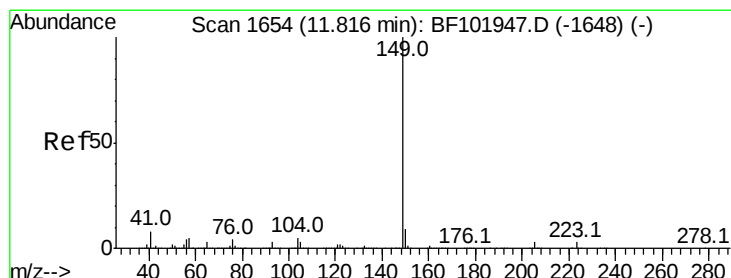
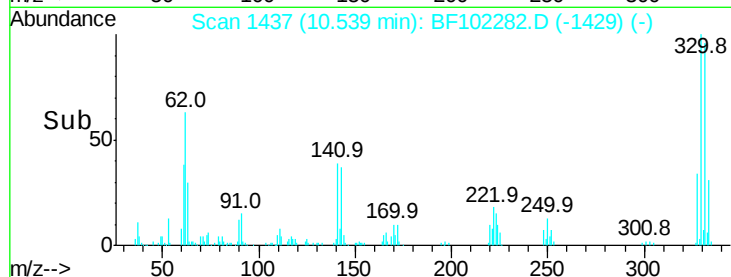
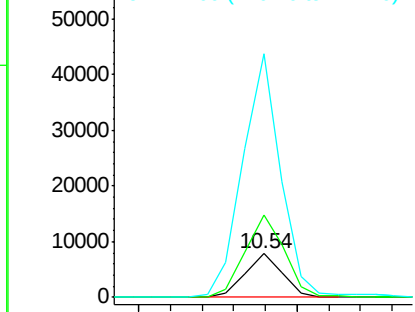
#66
4-Bromophenyl-phenylether
Concen: 2.036 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6436
Ion Ratio Lower Upper
248 100
250 189.9 76.9 115.3#
141 557.6 74.4 111.6#

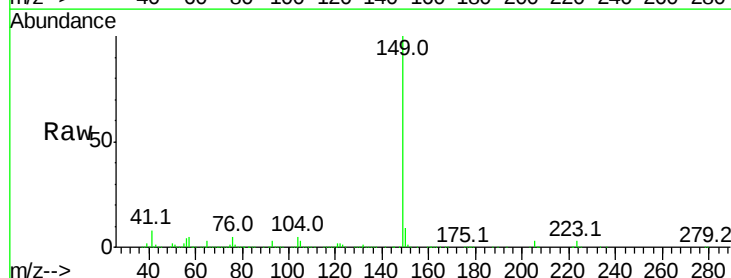


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

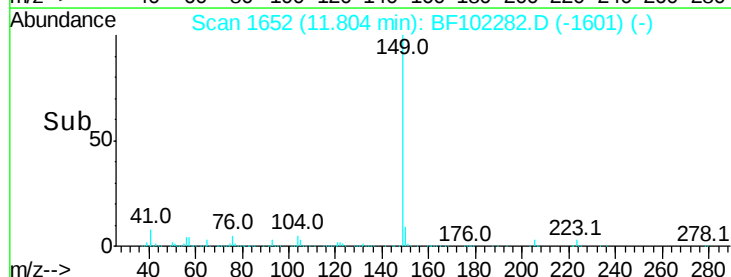
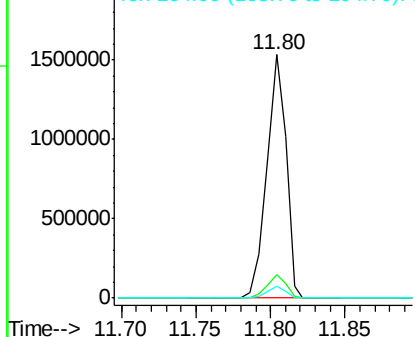


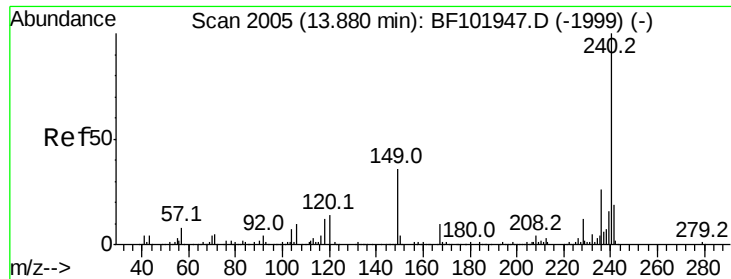
#73
Di-n-butylphthalate
Concen: 63.377 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Tgt Ion:149 Resp: 1355596
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

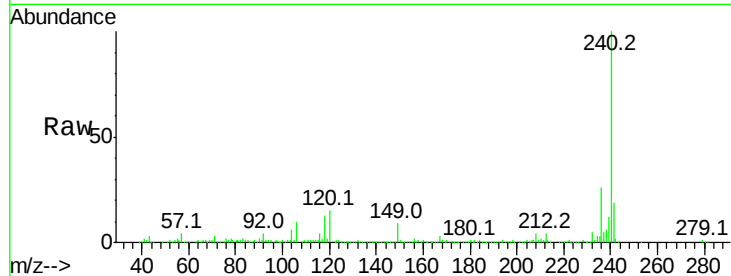
Tot Ion:240 Resp: 245816

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

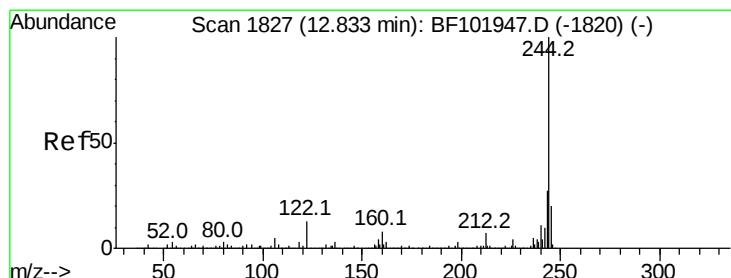
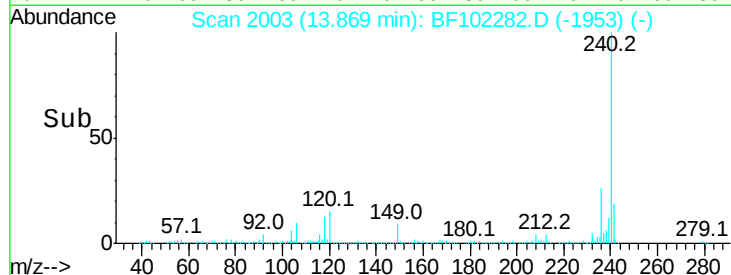
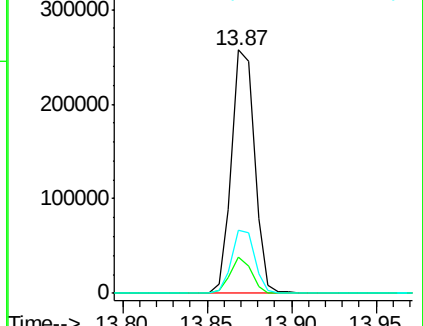
236 25.7 20.7 31.1



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



#78

Terphenyl-d14

Concen: 26.826 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

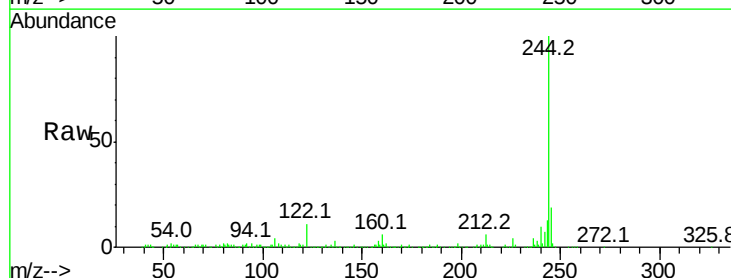
Tgt Ion:244 Resp: 317607

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

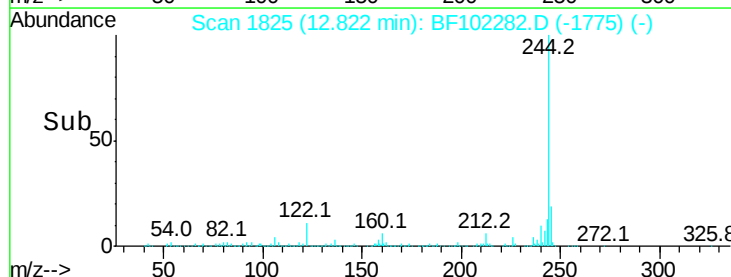
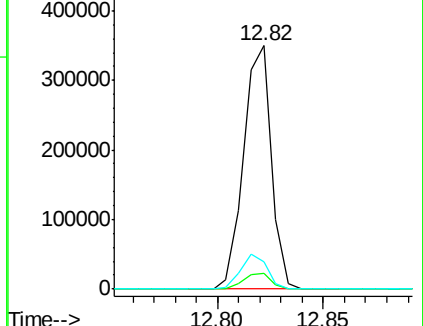
122 11.3 11.0 16.4

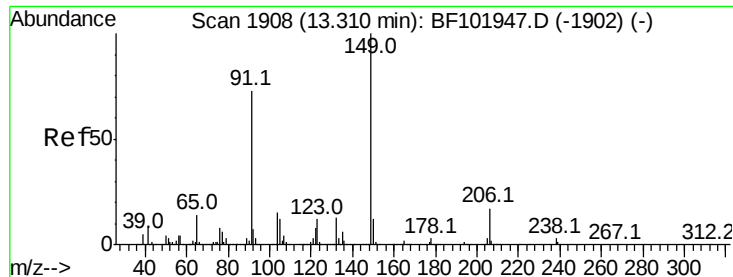


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

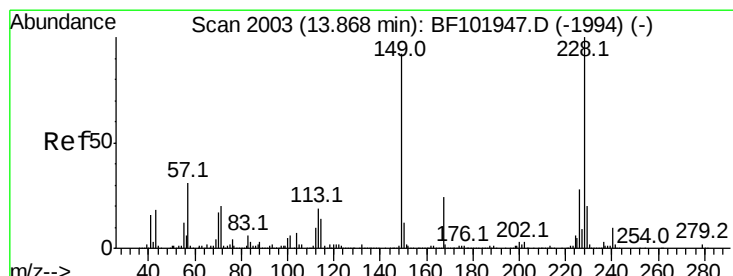
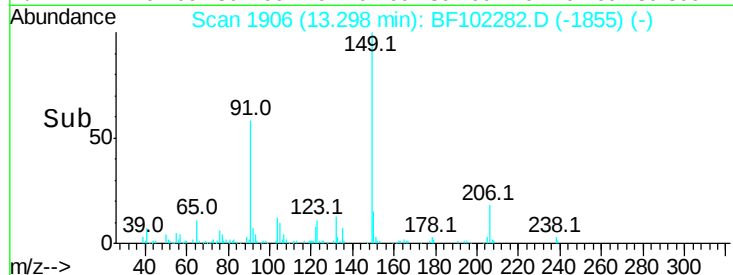
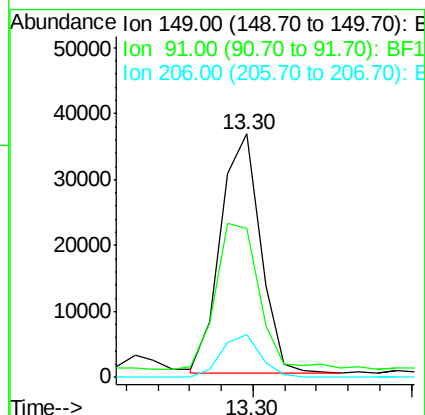
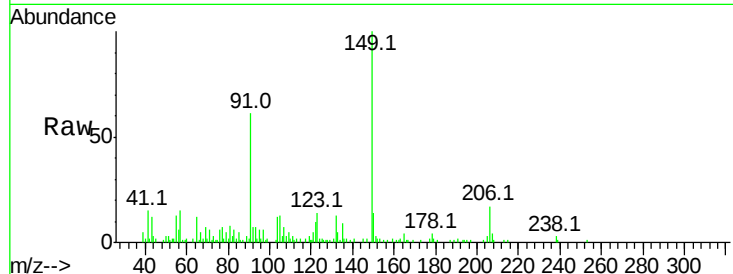




#79
 Butylbenzylphthalate
 Concen: 3.183 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102282.D
 Acq: 21 Jan 2018 00:50

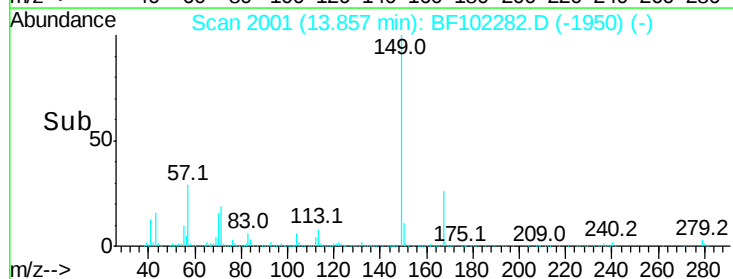
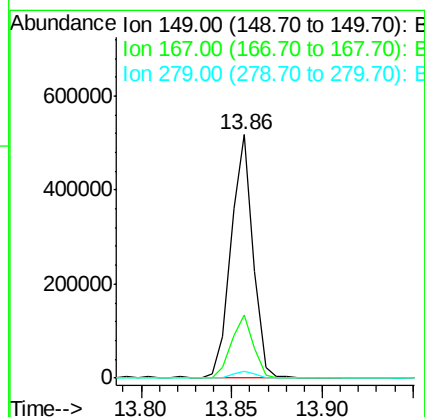
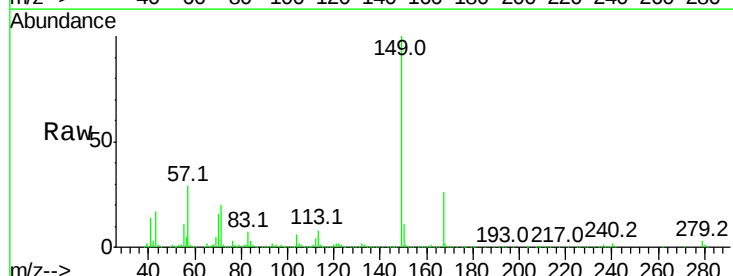
Instrument :
 BNA_F
 ClientSampleId :

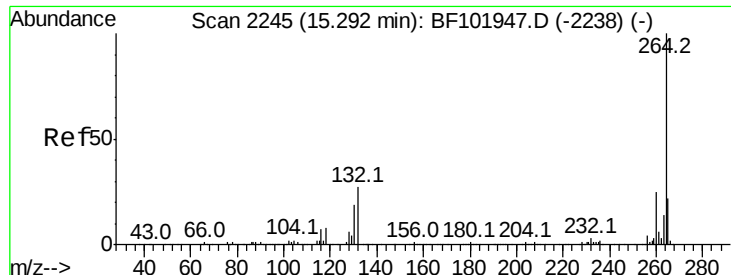
Tot Ion:	149	Resp:	31738
Ion	Ratio	Lower	Upper
149	100		
91	60.9	56.8	85.2
206	17.4	14.1	21.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.787 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF102282.D
 Acq: 21 Jan 2018 00:50

Tgt Ion:	149	Resp:	432248
Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.0	3.0	4.4

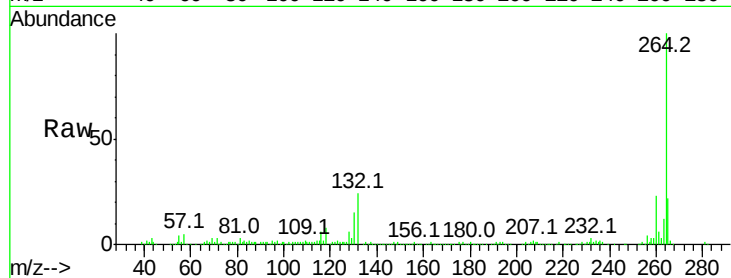




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102282.D
 Acq: 21 Jan 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.2	17.5	26.3



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

