

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103566.D
 Acq On : 9 Mar 2018 19:20
 Operator : SJ/JU
 Sample : J1821-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 22:01:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

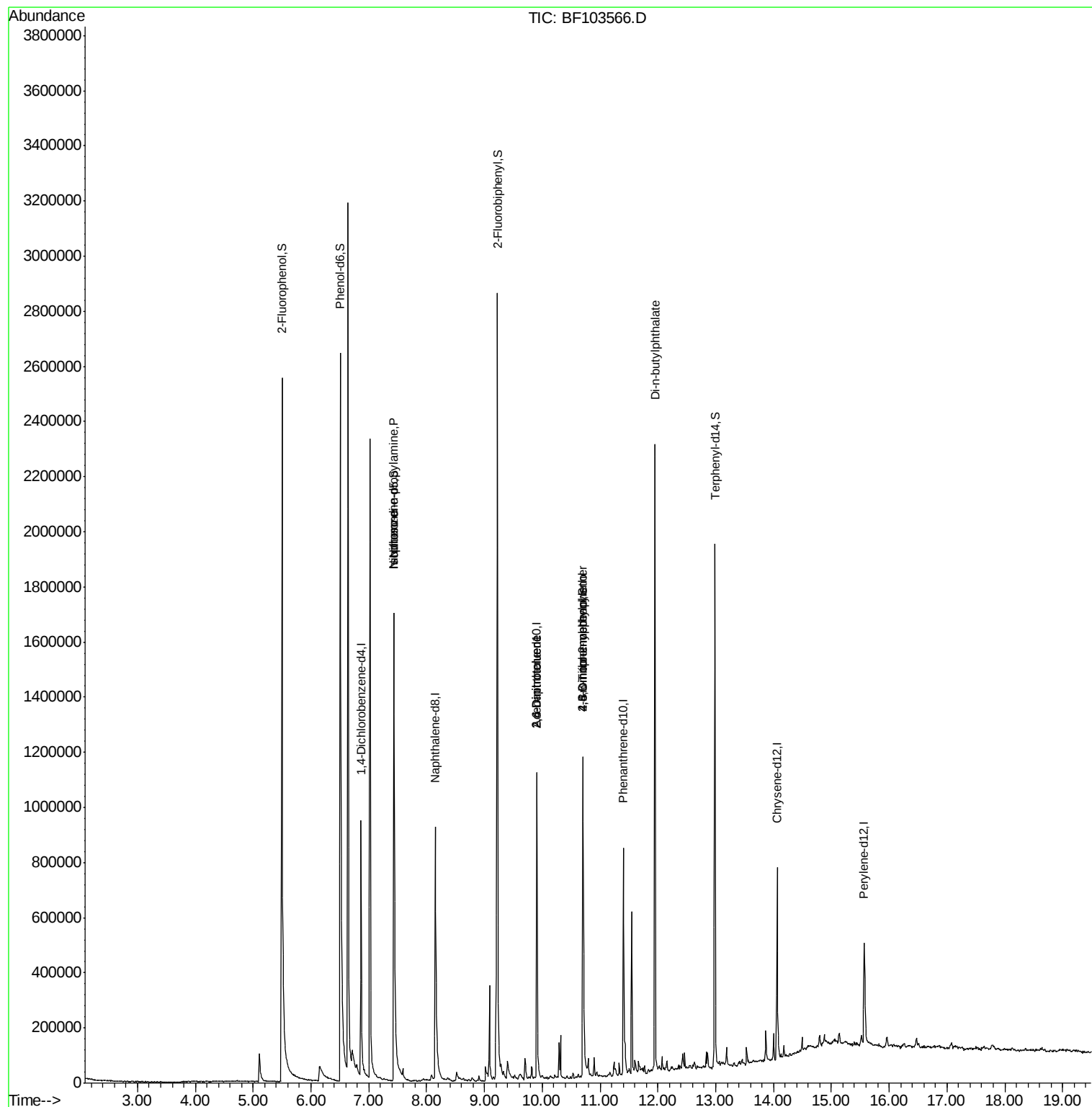
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	162624	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	679337	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	261816	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	361877	20.00	ng	0.00
75) Chrysene-d12	14.06	240	264232	20.00	ng	0.00
86) Perylene-d12	15.57	264	217208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1084445	100.86	ng	0.01
7) Phenol-d6	6.51	99	1329556	101.05	ng	0.00
23) Nitrobenzene-d5	7.43	82	822705	69.16	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	152484	68.81	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1015173	62.66	ng	0.00
78) Terphenyl-d14	12.99	244	632584	57.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	2125	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	108694	13.274	ng	# 1
25) Isophorone	7.43	82	822701	35.116	ng	# 82
50) 2,6-Dinitrotoluene	9.90	165	33292	7.553	ng	# 64
56) 2,4-Dinitrotoluene	9.90	165	33292	5.972	ng	# 26
64) 4,6-Dinitro-2-methylphenol	10.70	198	150	5.006	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	10305	2.734	ng	# 1
73) Di-n-butylphthalate	11.95	149	1283957	50.456	ng	# 1
						98

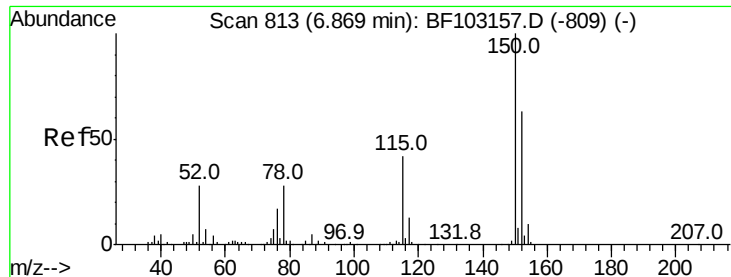
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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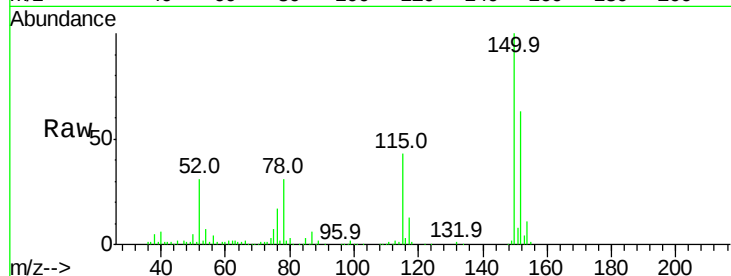


#1

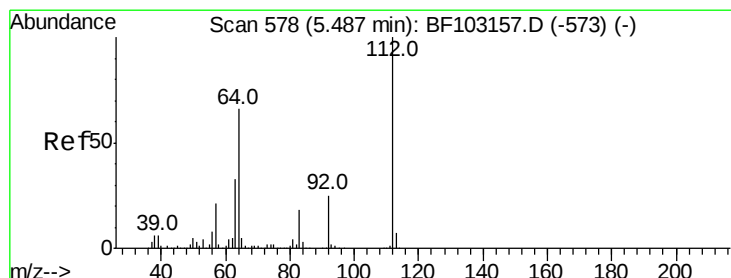
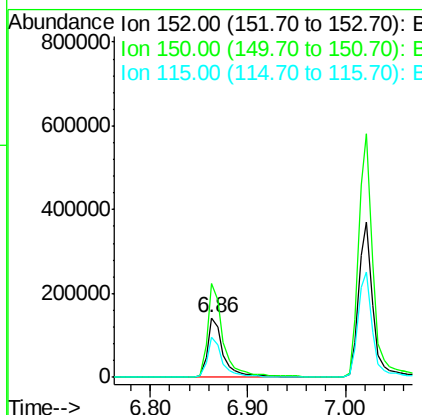
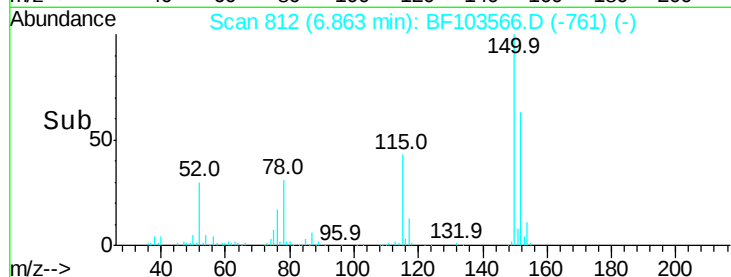
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103566.D
Acq: 9 Mar 2018 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162624
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 67.8 50.1 75.1



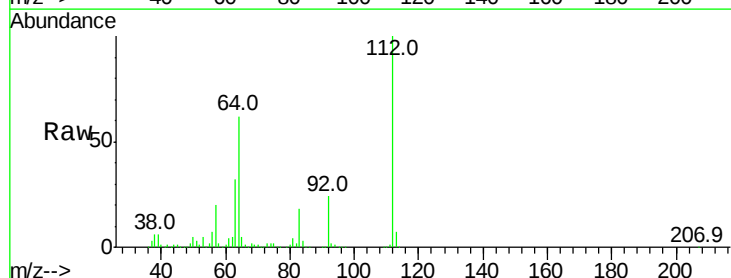
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



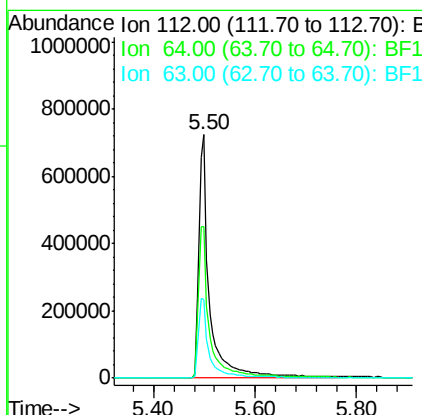
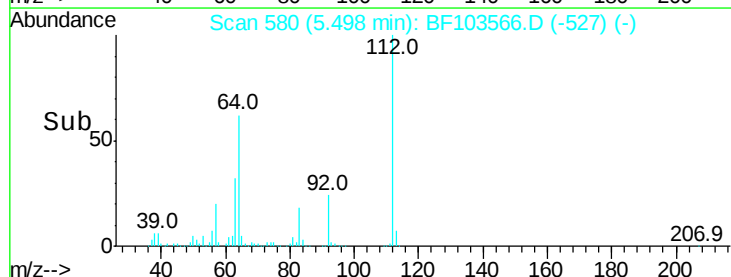
#5

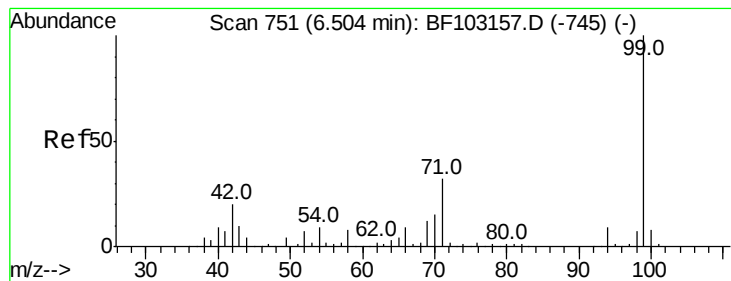
2-Fluorophenol
Concen: 100.855 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103566.D
Acq: 9 Mar 2018 19:20

Tgt Ion:112 Resp: 1084445
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 32.4 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: 101.051 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

Instrument :

BNA_F

ClientSampled :

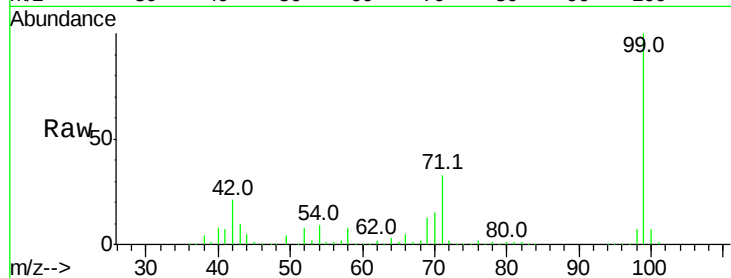
Tot Ion: 99 Resp: 1329556

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

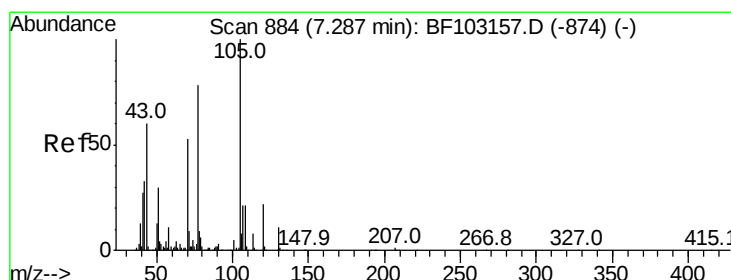
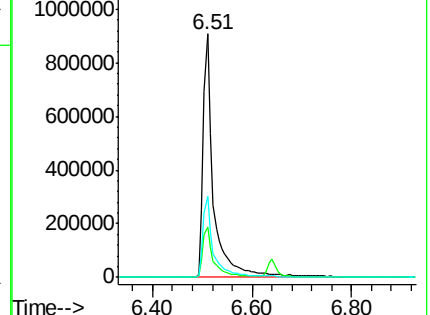
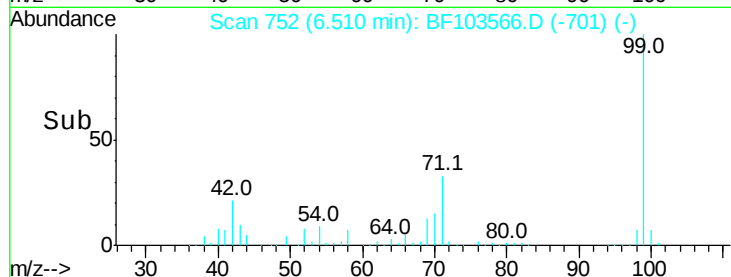
71 33.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.274 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

Tgt Ion: 70 Resp: 108694

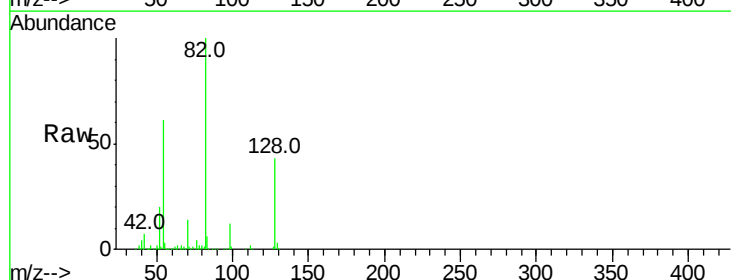
Ion Ratio Lower Upper

70 100

42 52.8 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

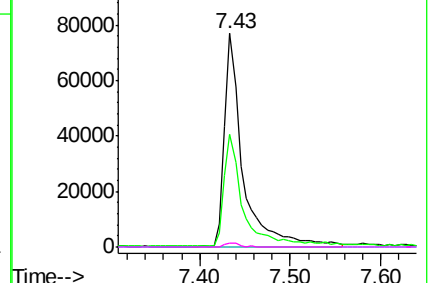
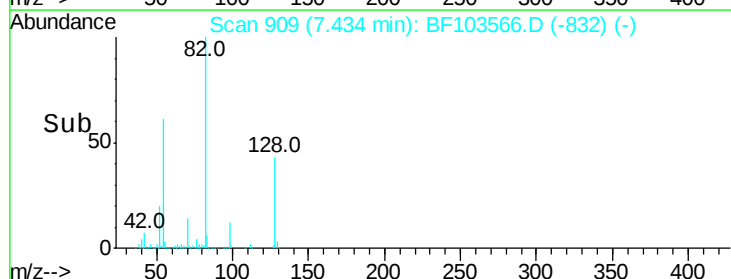


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

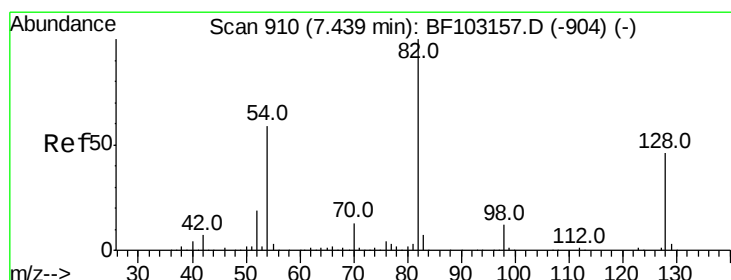
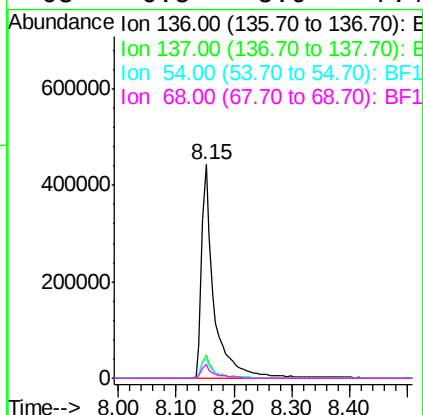
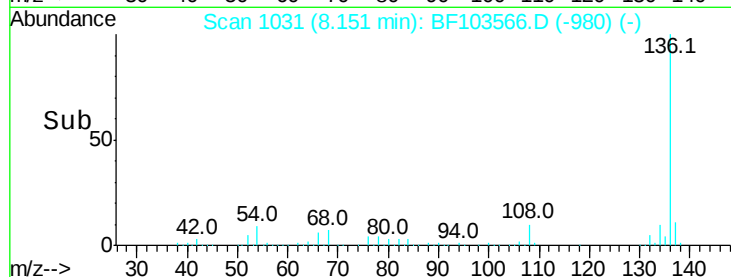
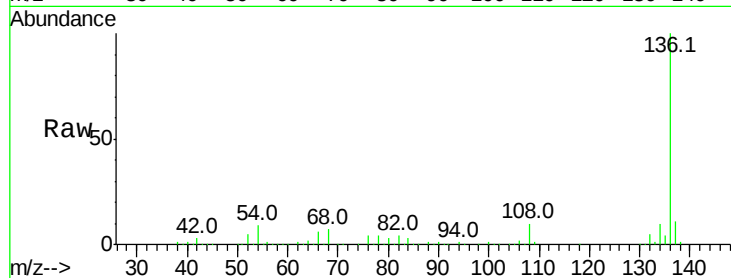




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103566.D
Acq: 9 Mar 2018 19:20

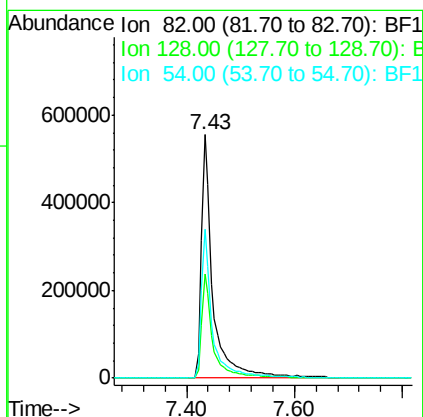
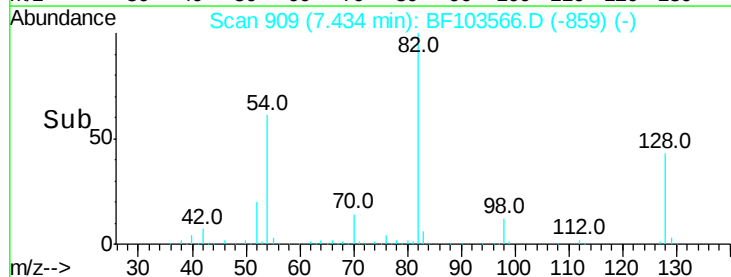
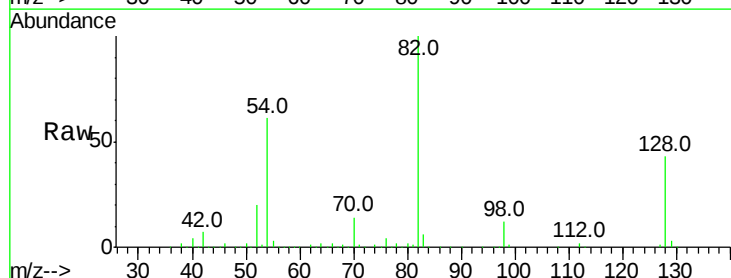
Instrument :
BNA_F
ClientSampleId :

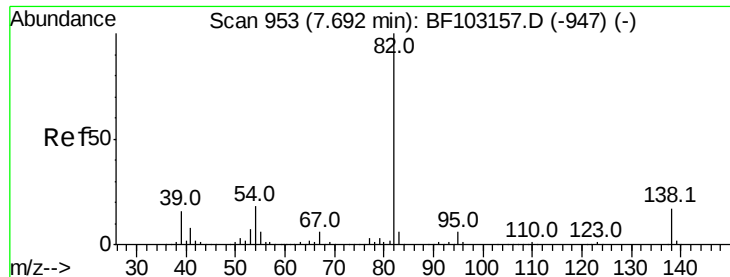
Tot Ion:	136	Resp:	679337
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 69.161 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103566.D
Acq: 9 Mar 2018 19:20

Tgt Ion:	82	Resp:	822705
Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	61.3	41.4	62.2





#25

Isophorone

Concen: 35.116 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

Instrument :

BNA_F

ClientSampleId :

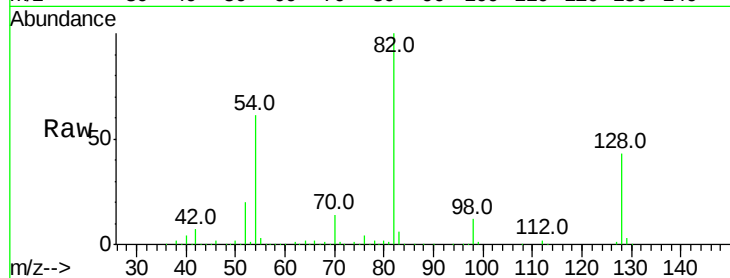
Tot Ion: 82 Resp: 822701

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

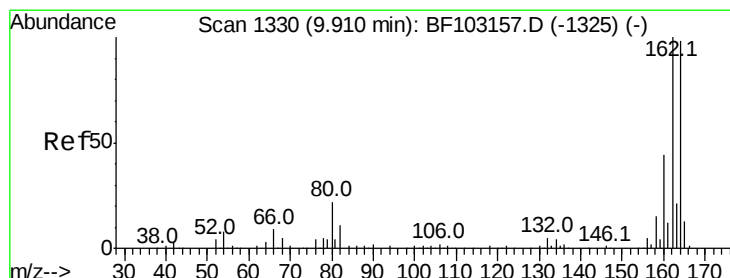
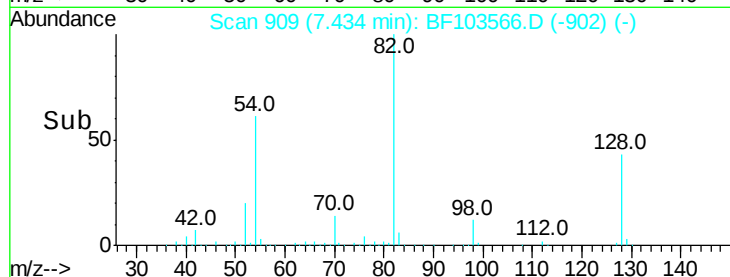
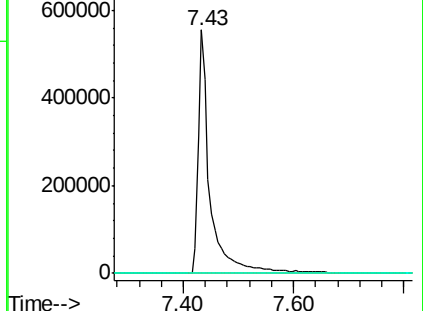
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

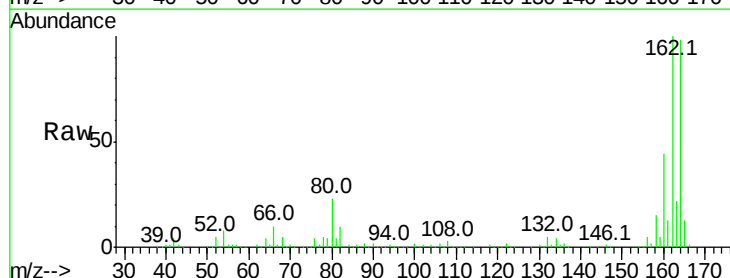
Tgt Ion:164 Resp: 261816

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

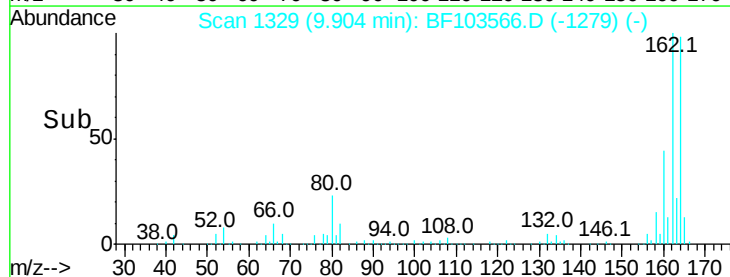
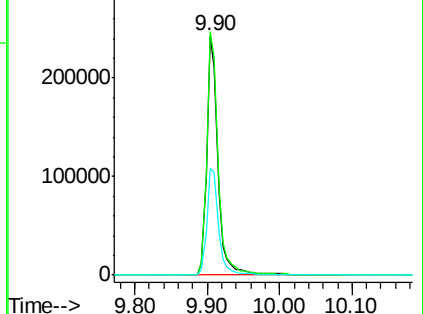
160 44.9 38.3 57.5



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

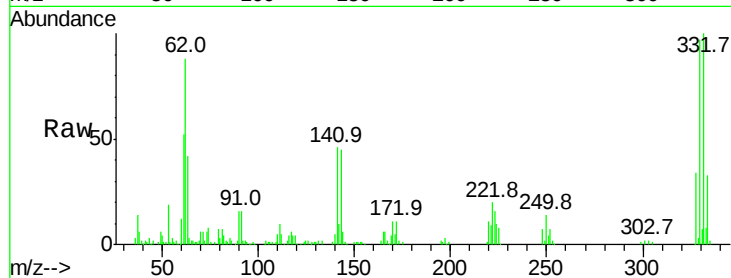




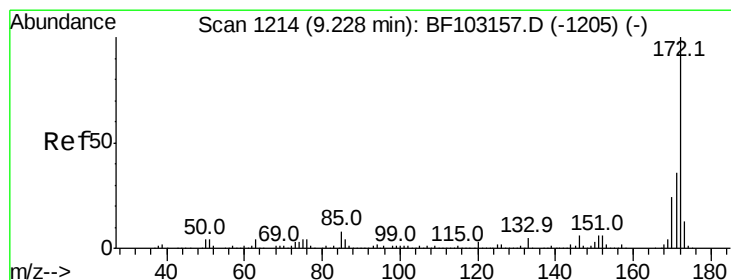
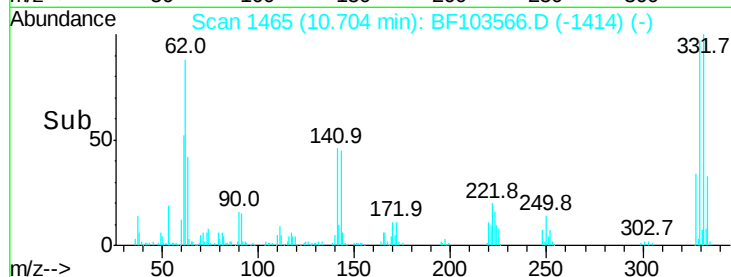
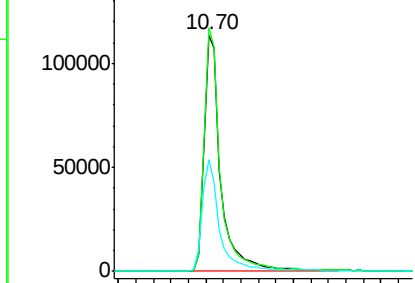
#41
 2,4,6-Tribromophenol
 Concen: 68.806 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103566.D
 Acq: 9 Mar 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 152484
 Ion Ratio Lower Upper
 330 100
 332 100.6 77.0 115.6
 141 49.7 29.9 44.9#

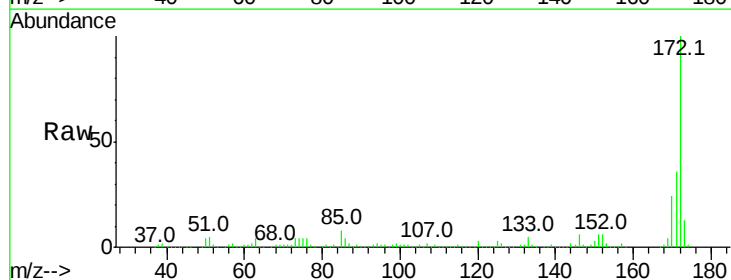


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

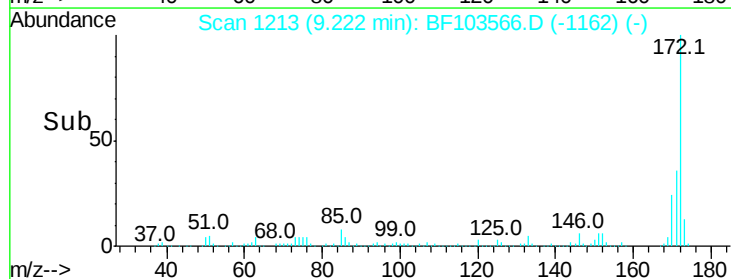
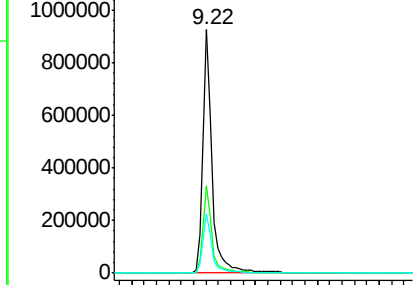


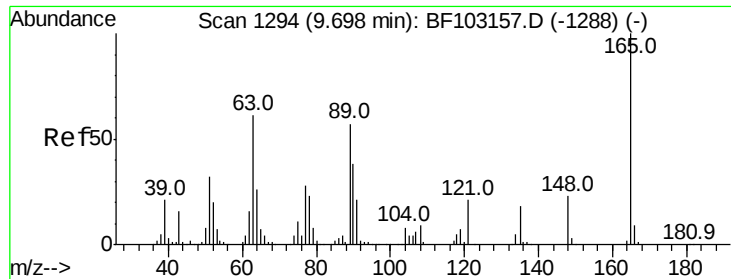
#44
 2-Fluorobiphenyl
 Concen: 62.660 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103566.D
 Acq: 9 Mar 2018 19:20

Tgt Ion:172 Resp: 1015173
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.5 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

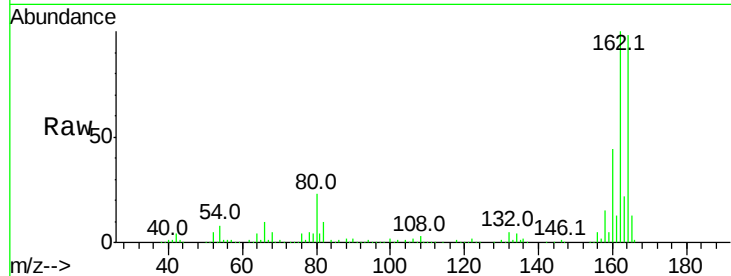




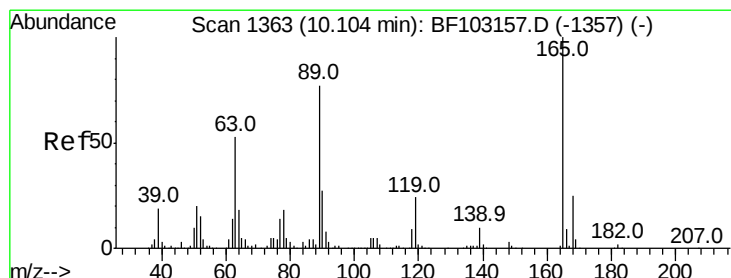
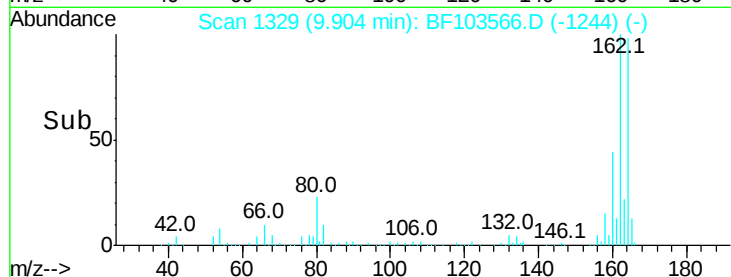
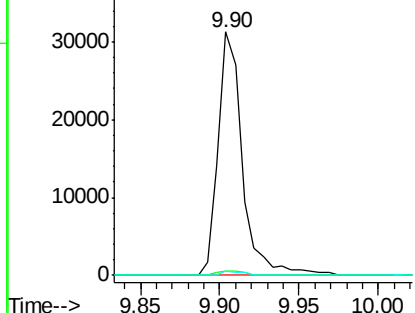
#50
 2,6-Dinitrotoluene
 Concen: 7.553 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.20 min
 Lab File: BF103566.D
 Acq: 9 Mar 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#

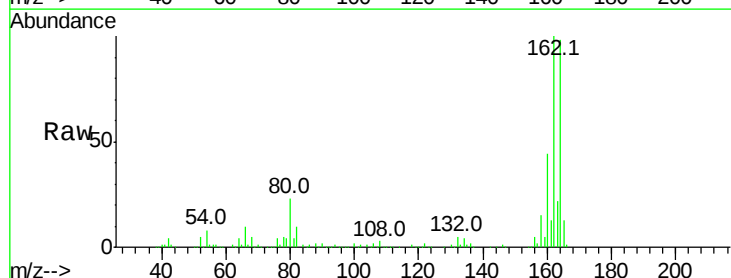


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

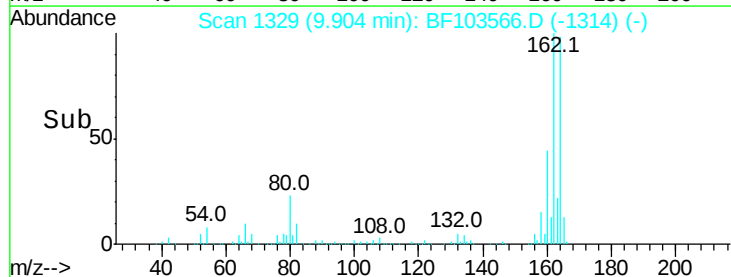
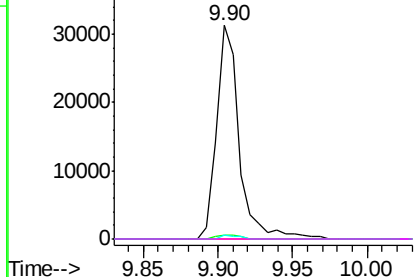


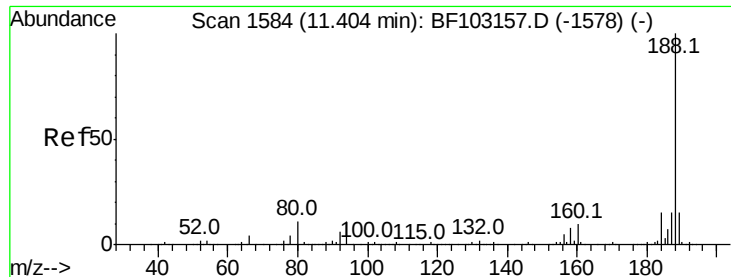
#56
 2,4-Dinitrotoluene
 Concen: 5.972 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103566.D
 Acq: 9 Mar 2018 19:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.6	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: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

Instrument :

BNA_F

ClientSampleId :

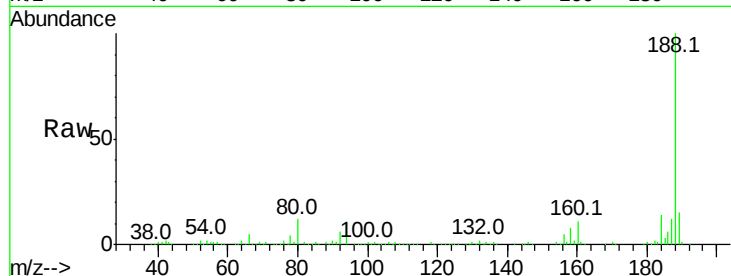
Tot Ion:188 Resp: 361877

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

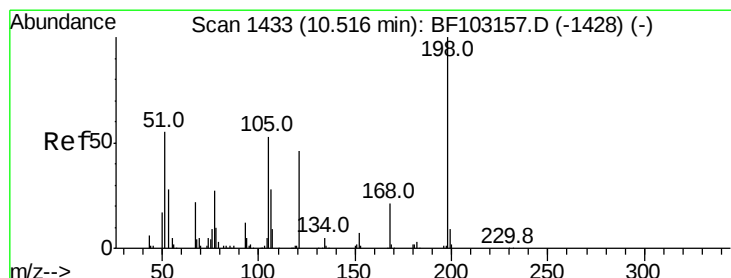
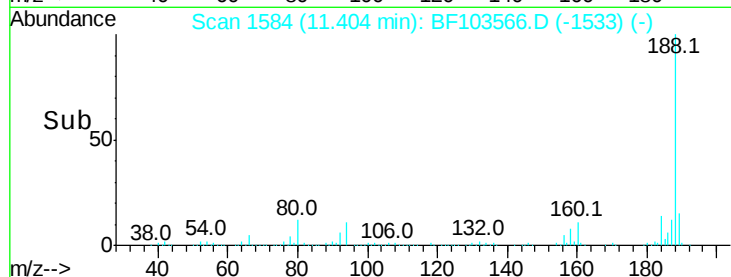
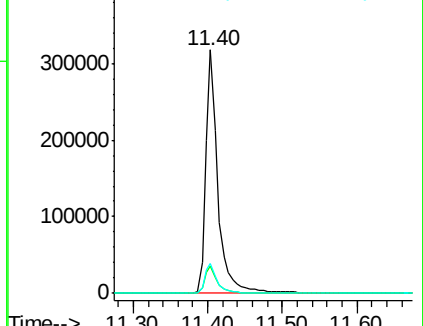
80 12.1 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.006 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.17 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

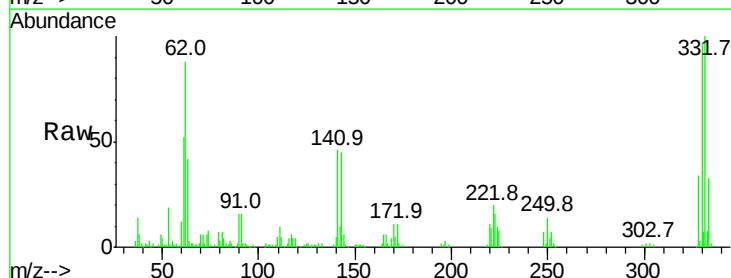
Tgt Ion:198 Resp: 150

Ion Ratio Lower Upper

198 100

51 273.4 37.7 77.7#

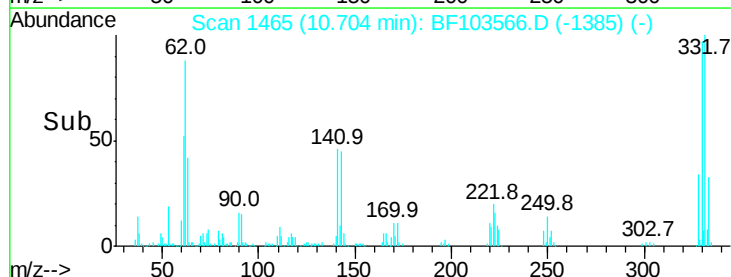
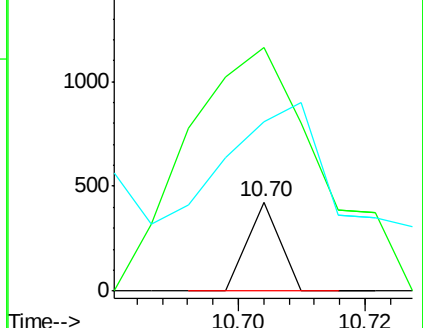
105 190.6 36.3 76.3#

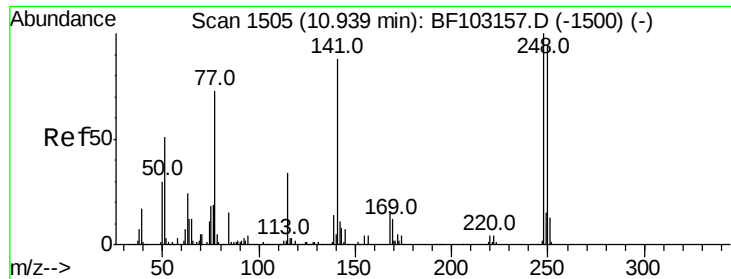


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

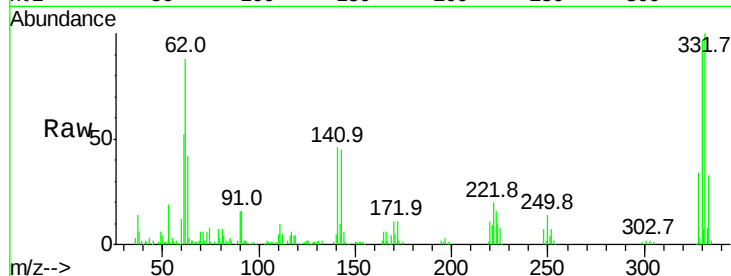




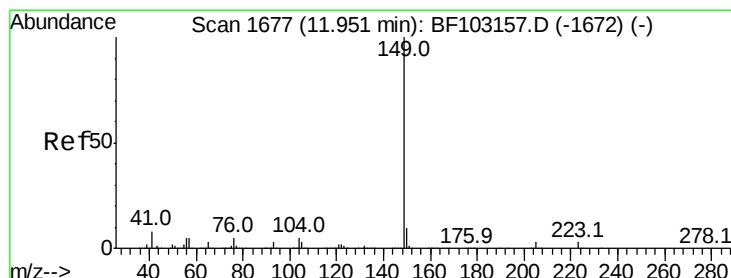
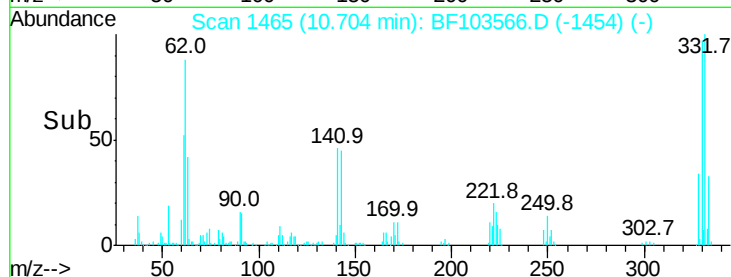
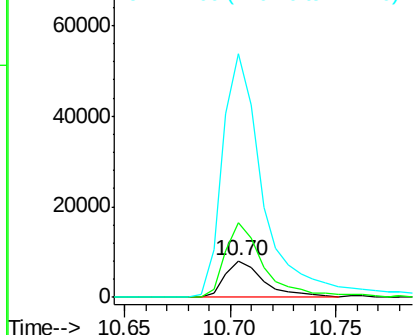
#66
4-Bromophenyl-phenylether
Concen: 2.734 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103566.D
Acq: 9 Mar 2018 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10305
Ion Ratio Lower Upper
248 100
250 203.3 76.9 115.3#
141 664.4 74.4 111.6#

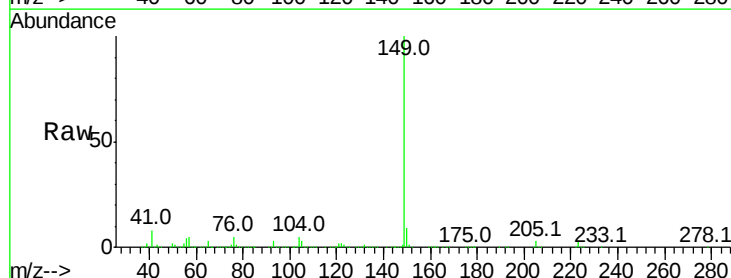


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

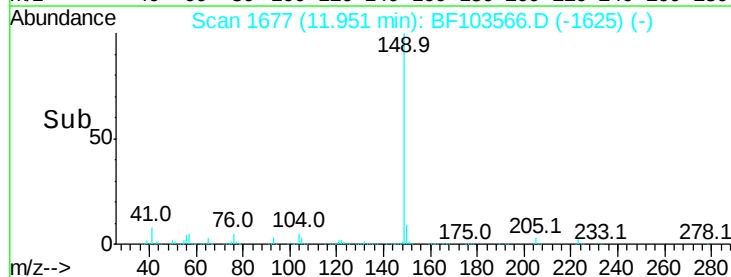
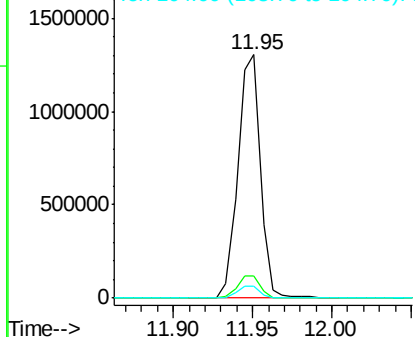


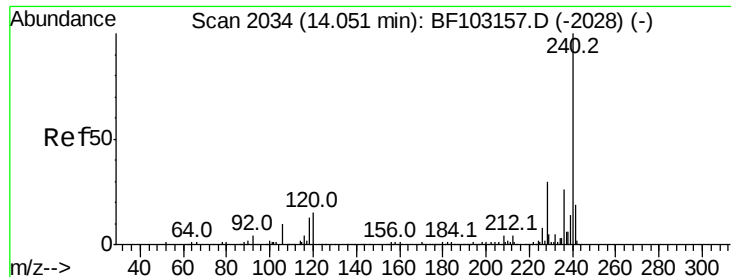
#73
Di-n-butylphthalate
Concen: 50.456 ng
RT: 11.95 min Scan# 1677
Delta R.T. 0.01 min
Lab File: BF103566.D
Acq: 9 Mar 2018 19:20

Tgt Ion:149 Resp: 1283957
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 5.1 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

Chrvsene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

Instrument :

BNA_F

ClientSampleId :

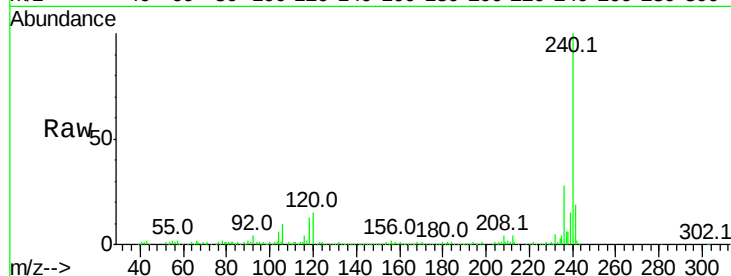
Tot Ion:240 Resp: 264232

Ion Ratio Lower Upper

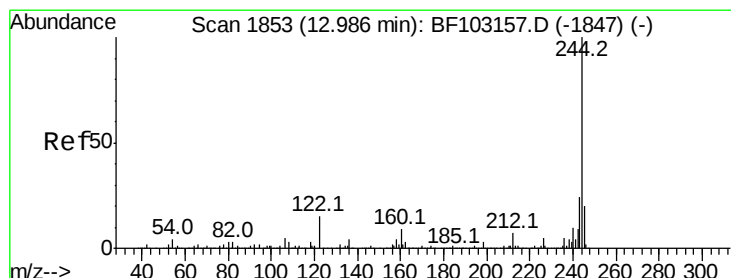
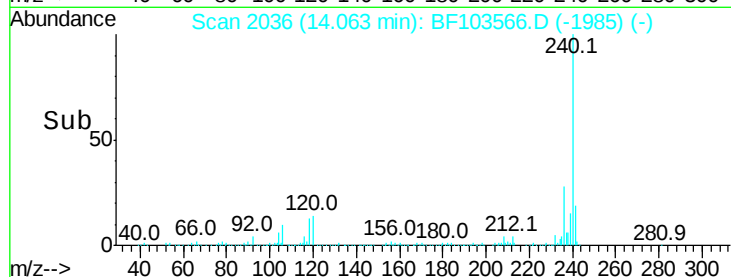
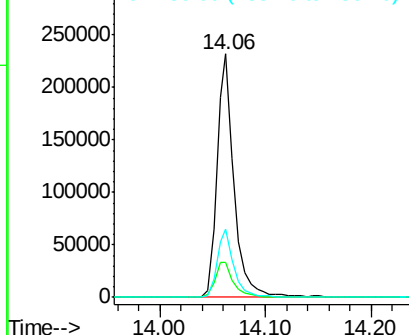
240 100

120 14.6 9.5 14.3#

236 28.2 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: 57.550 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

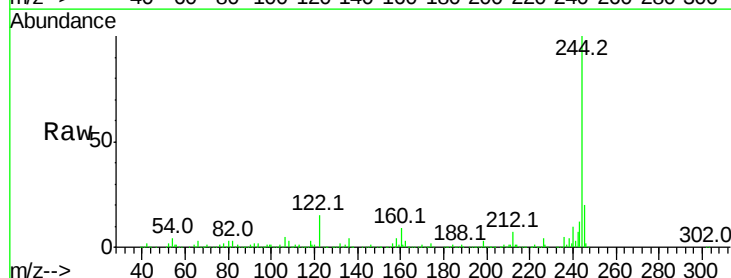
Tgt Ion:244 Resp: 632584

Ion Ratio Lower Upper

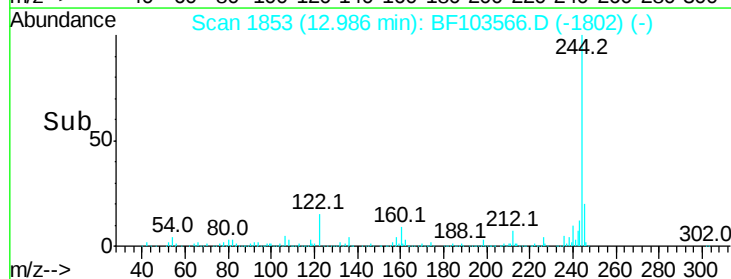
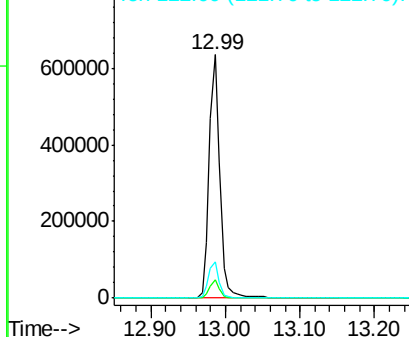
244 100

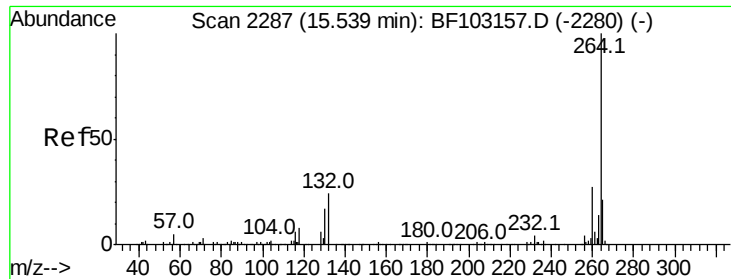
212 7.4 5.4 8.0

122 15.1 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

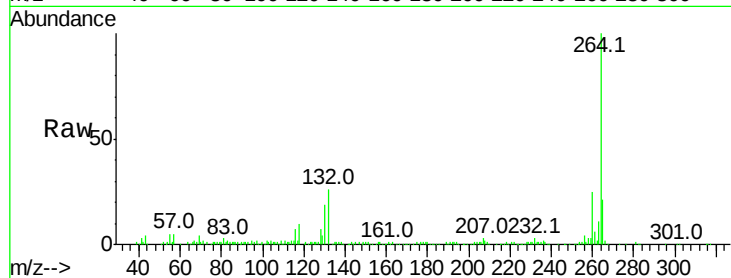




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103566.D
Acq: 9 Mar 2018 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.6	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

