

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103563.D
 Acq On : 9 Mar 2018 18:00
 Operator : SJ/JU
 Sample : J1855-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 18:31:26 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

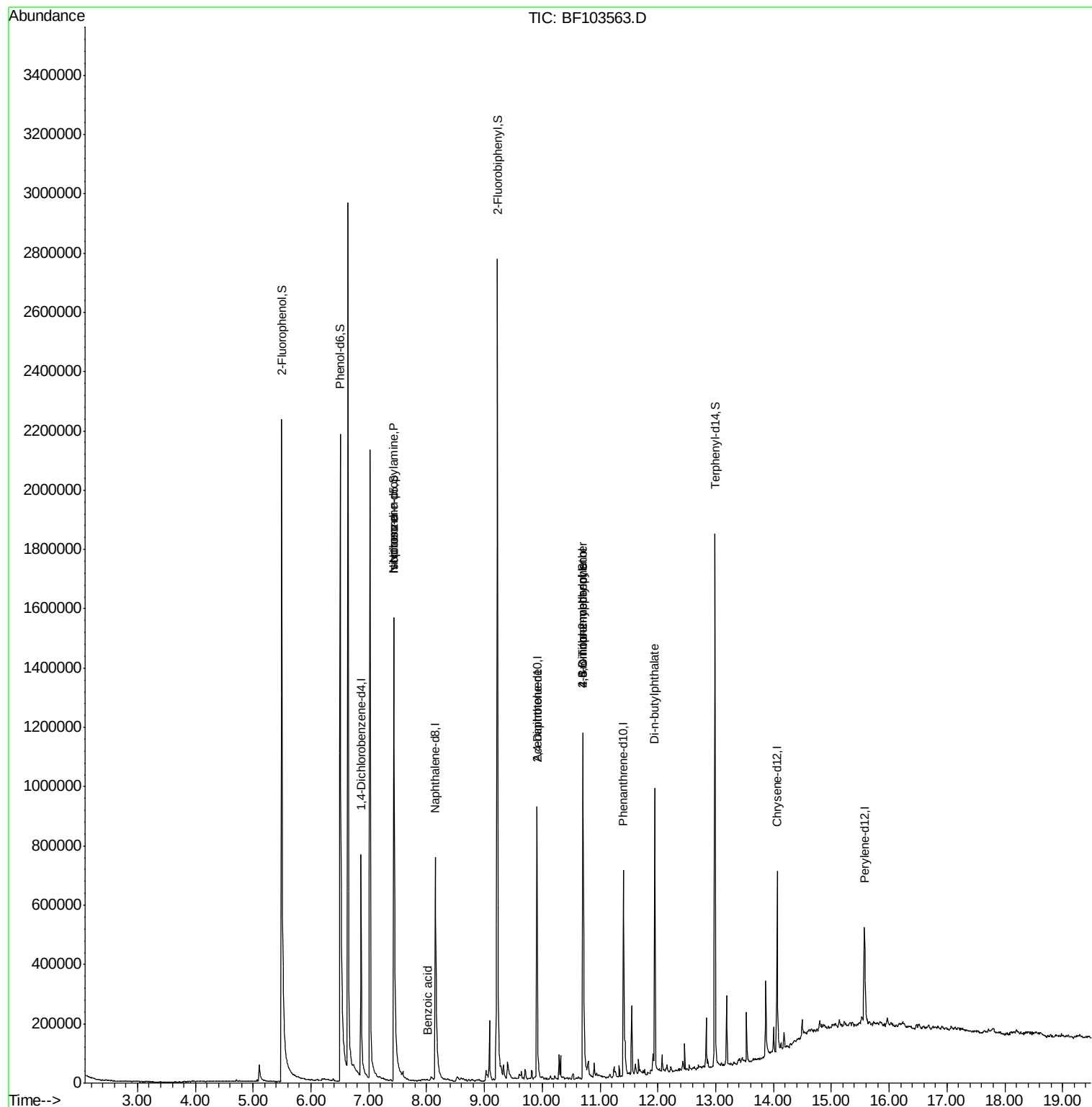
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	136690	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	569469	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	222864	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	318552	20.00	ng	0.00
75) Chrysene-d12	14.06	240	231667	20.00	ng	0.00
86) Perylene-d12	15.57	264	182199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	936840	103.66	ng	0.00
7) Phenol-d6	6.50	99	1142658	103.32	ng	0.00
23) Nitrobenzene-d5	7.43	82	753622	75.58	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	141913	75.23	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	984771	73.73	ng	0.00
78) Terphenyl-d14	12.99	244	569506	59.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	2054	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	99607	14.472 ng	#	1
25) Isophorone	7.43	82	753617	38.373 ng	#	82
32) Benzoic acid	8.01	122	375	6.969 ng	#	64
56) 2,4-Dinitrotoluene	9.90	165	29015	6.115 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	134	5.007 ng	#	24
66) 4-Bromophenyl-phenylether	10.70	248	10467	3.154 ng	#	1
73) Di-n-butylphthalate	11.94	149	483384	21.579 ng		1
						98

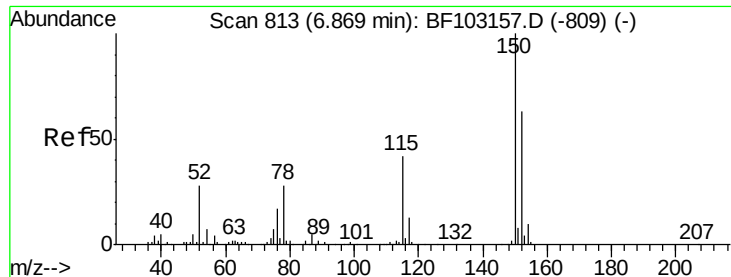
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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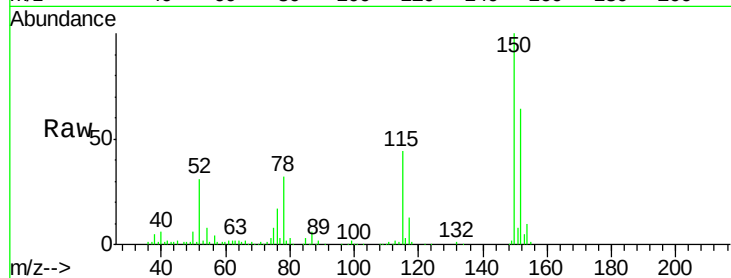


#1

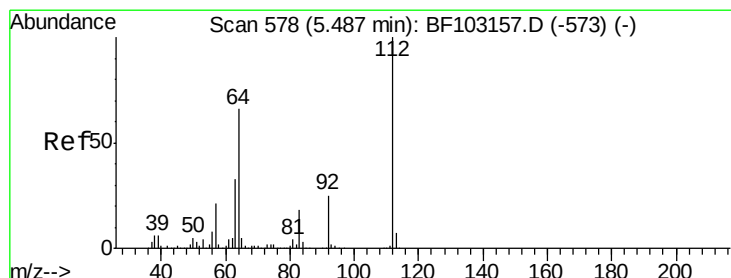
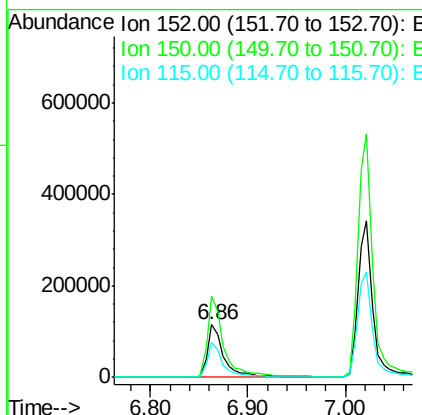
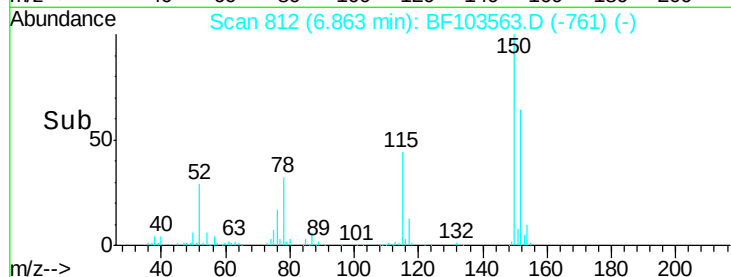
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103563.D
Acq: 9 Mar 2018 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136690
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 67.7 50.1 75.1



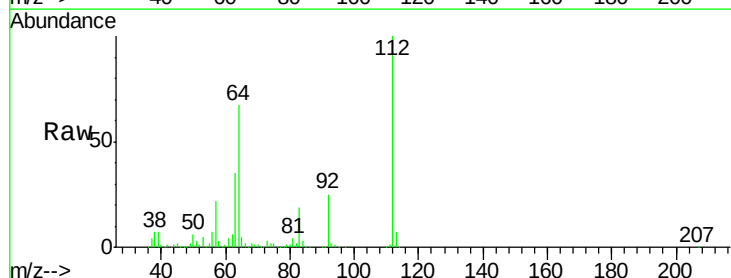
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



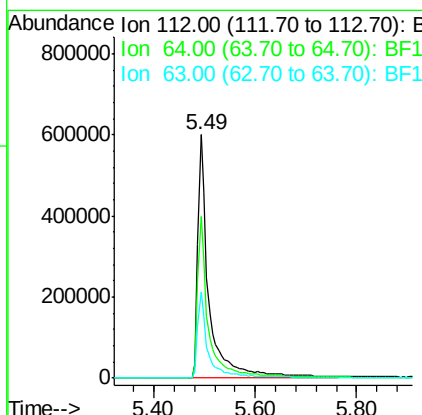
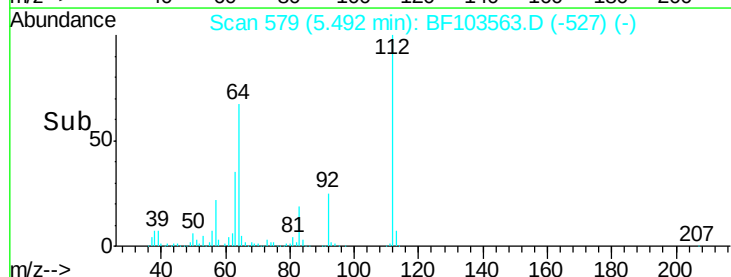
#5

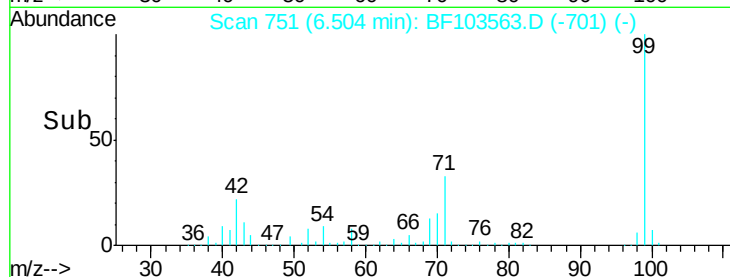
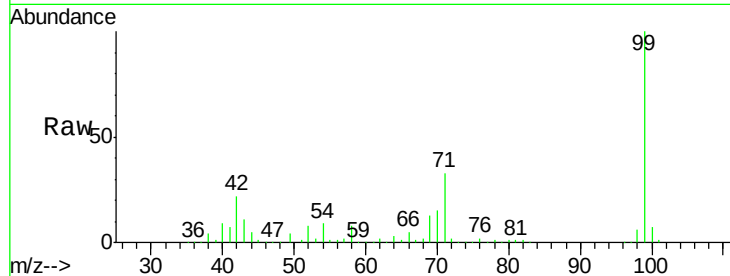
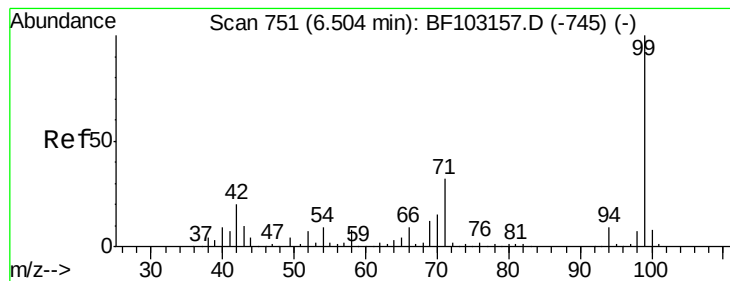
2-Fluorophenol
Concen: 103.658 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103563.D
Acq: 9 Mar 2018 18:00

Tgt Ion:112 Resp: 936840
Ion Ratio Lower Upper
112 100
64 66.6 47.9 71.9
63 35.3 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: 103.323 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103563.D

Acq: 9 Mar 2018 18:00

Instrument :

BNA_F

ClientSampled :

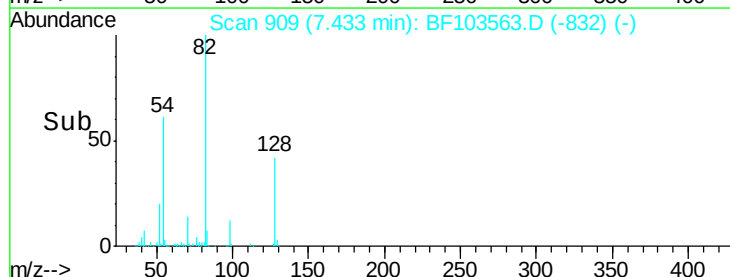
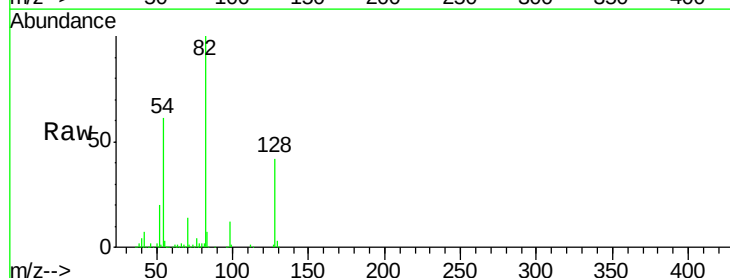
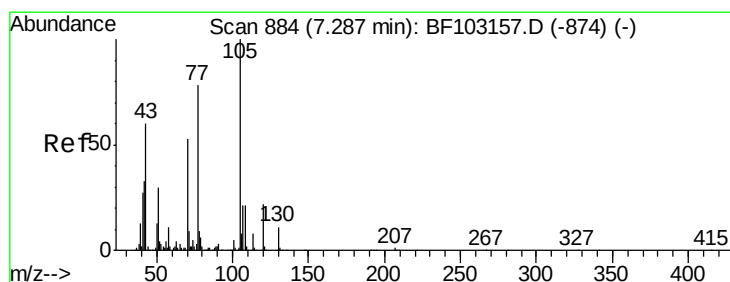
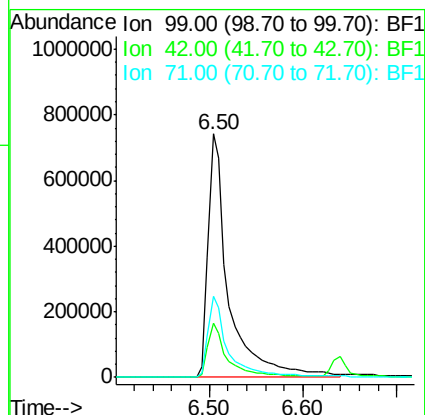
Tot Ion: 99 Resp: 1142658

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

71 33.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.472 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103563.D

Acq: 9 Mar 2018 18:00

Tgt Ion: 70 Resp: 99607

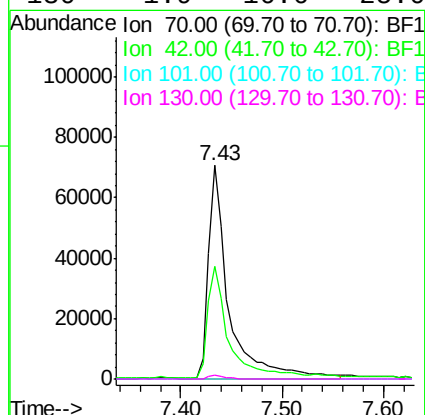
Ion Ratio Lower Upper

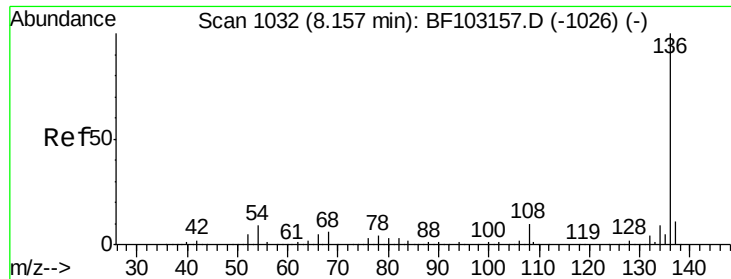
70 100

42 52.7 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

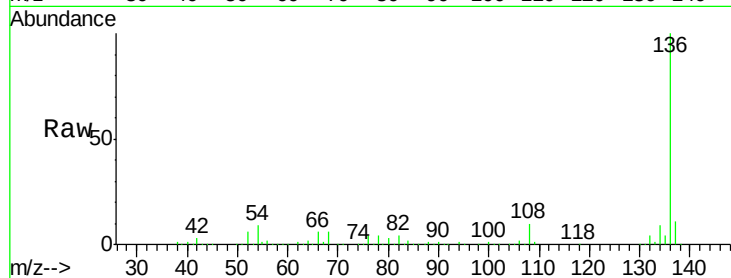




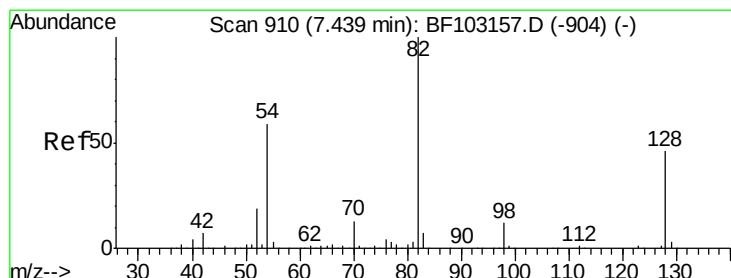
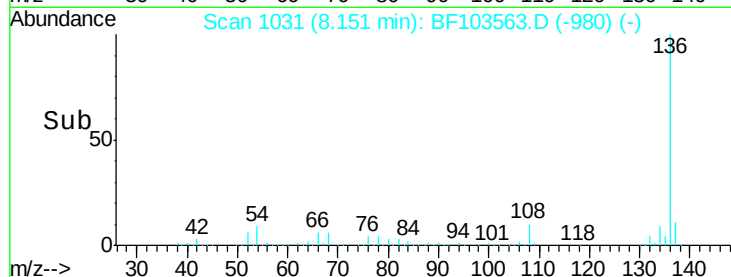
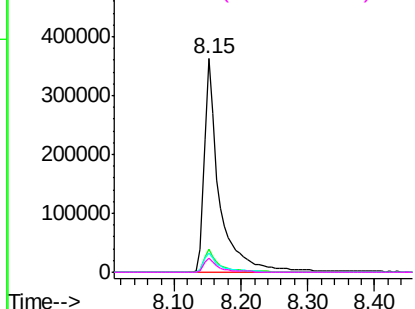
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103563.D
Acq: 9 Mar 2018 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	569469
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	6.6	9.8
68	6.3	5.0	7.4

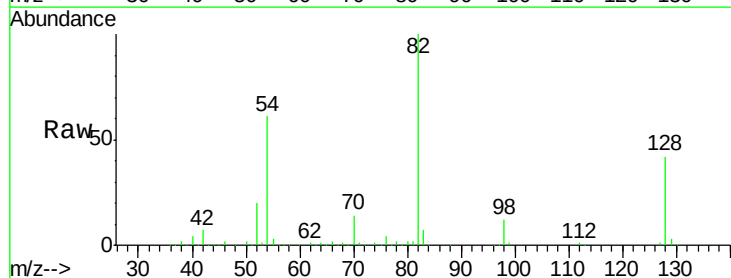


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

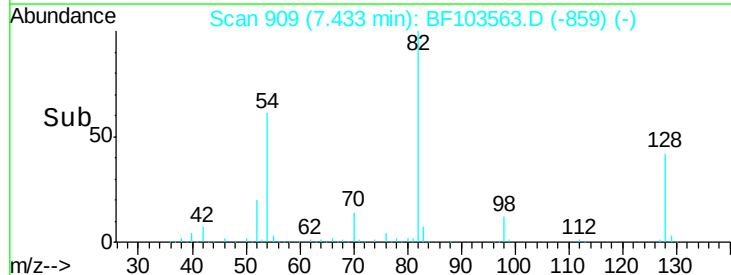
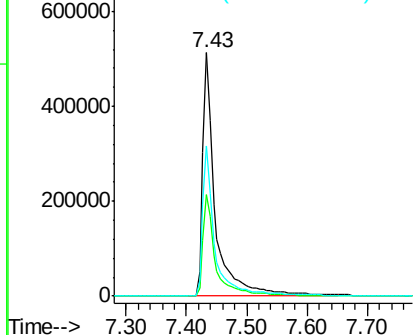


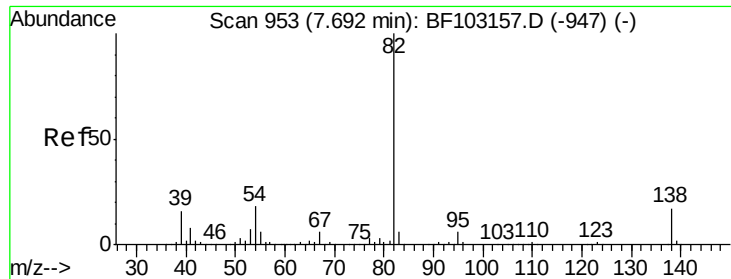
#23
Nitrobenzene-d5
Concen: 75.576 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103563.D
Acq: 9 Mar 2018 18:00

Tgt Ion:	82	Resp:	753622
Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	61.5	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: 38.373 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103563.D

Acq: 9 Mar 2018 18:00

Instrument :

BNA_F

ClientSampleId :

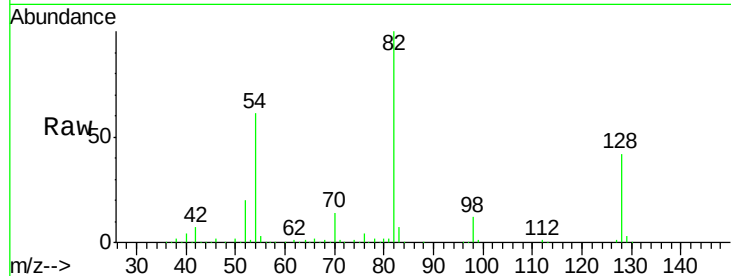
Tot Ion: 82 Resp: 753617

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

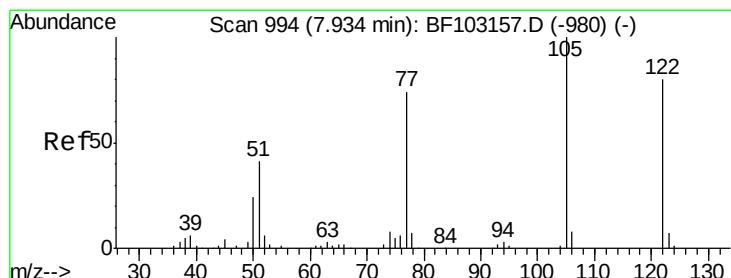
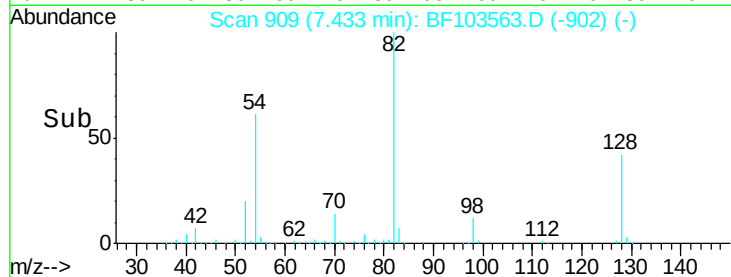
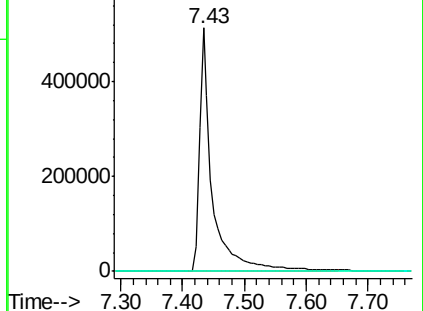
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 6.969 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.04 min

Lab File: BF103563.D

Acq: 9 Mar 2018 18:00

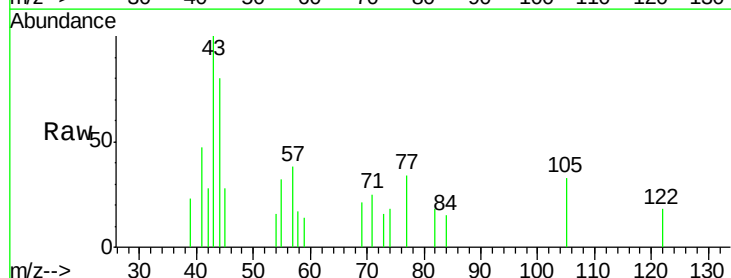
Tgt Ion: 122 Resp: 375

Ion Ratio Lower Upper

122 100

105 184.8 101.1 141.1#

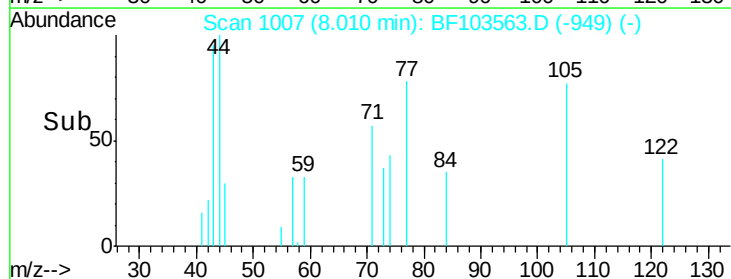
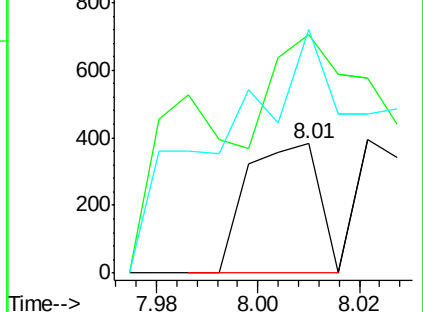
77 188.5 70.7 110.7#

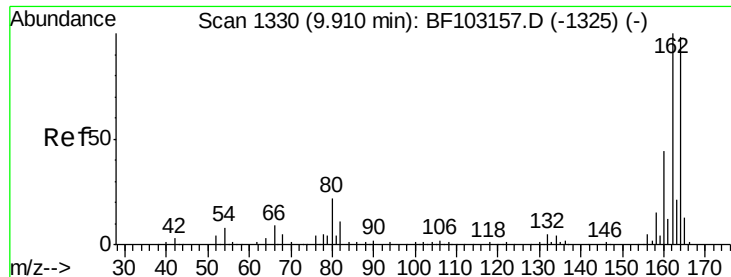


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103563.D

Acq: 9 Mar 2018 18:00

Instrument :

BNA_F

ClientSampleId :

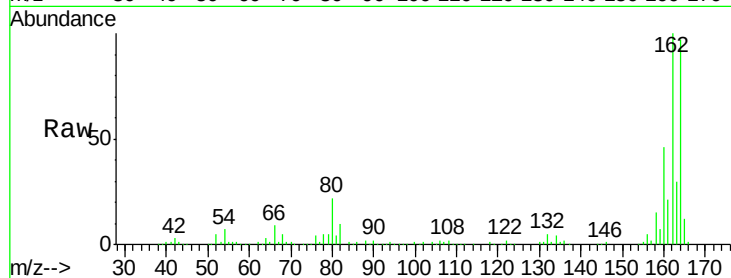
Tot Ion:164 Resp: 222864

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

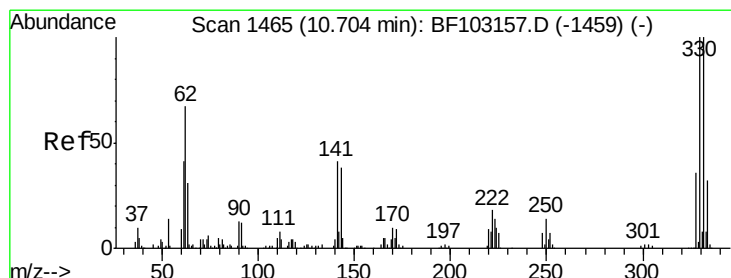
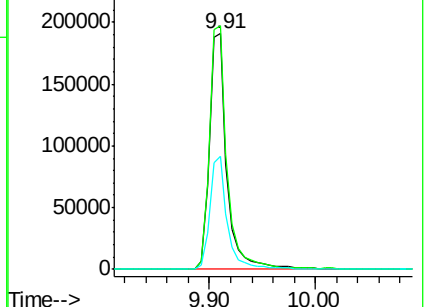
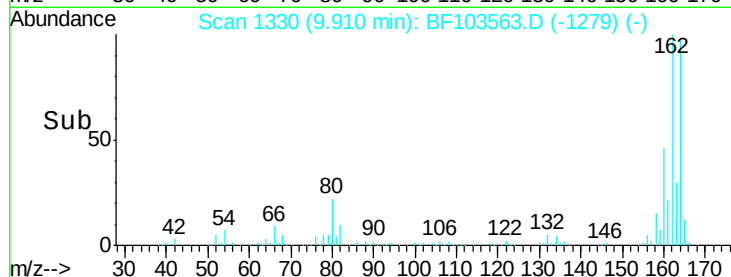
160 47.9 38.3 57.5



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: 75.229 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103563.D

Acq: 9 Mar 2018 18:00

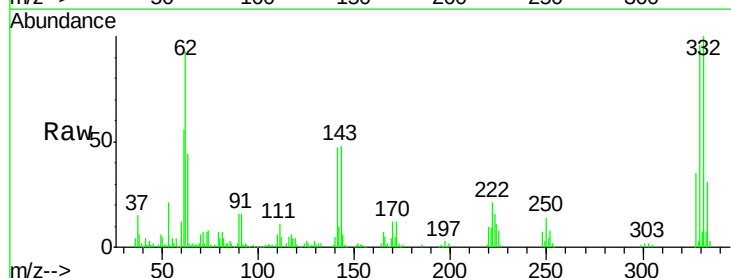
Tgt Ion:330 Resp: 141913

Ion Ratio Lower Upper

330 100

332 104.4 77.0 115.6

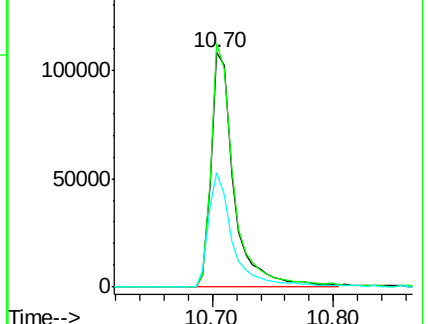
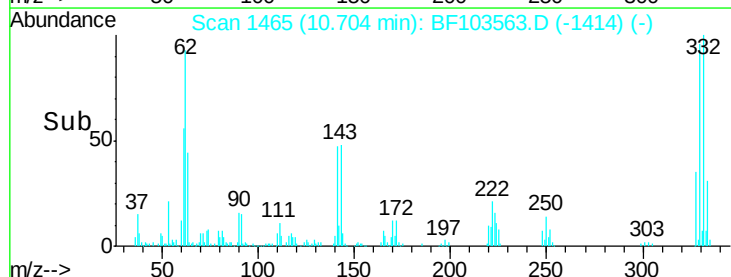
141 52.7 29.9 44.9#

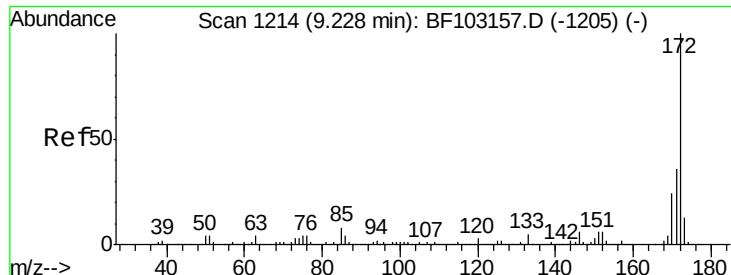


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

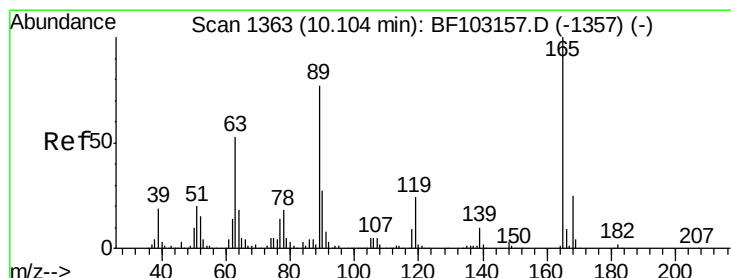
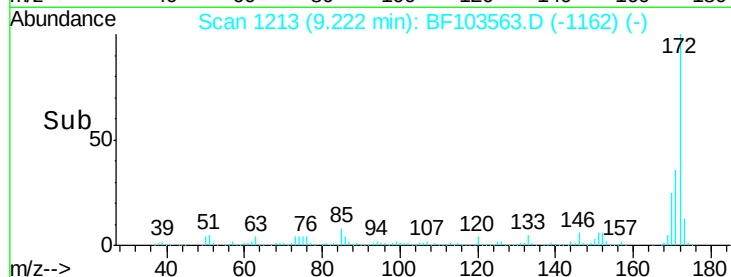
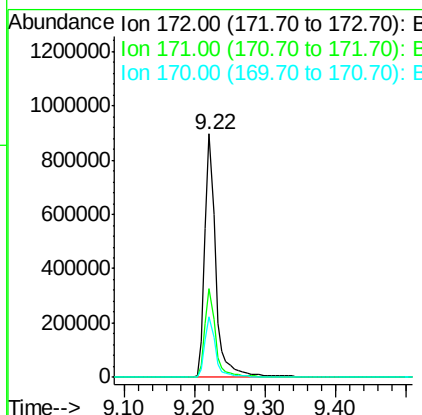
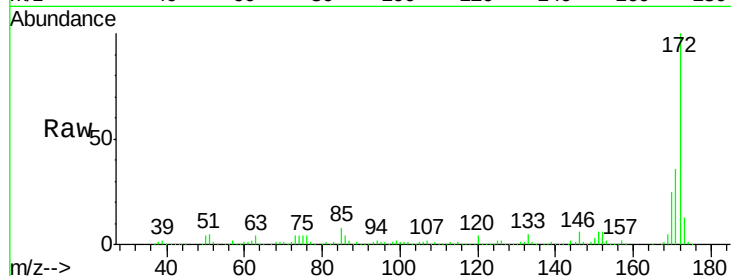




#44
2-Fluorobiphenyl
Concen: 73.734 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103563.D
Acq: 9 Mar 2018 18:00

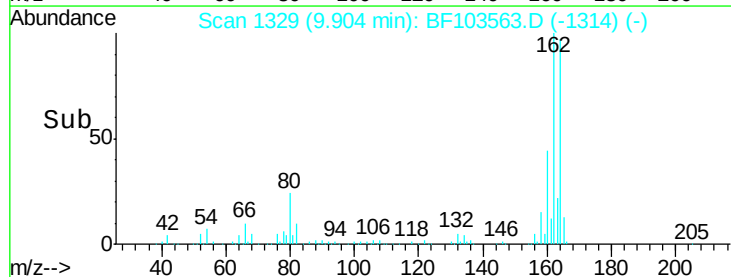
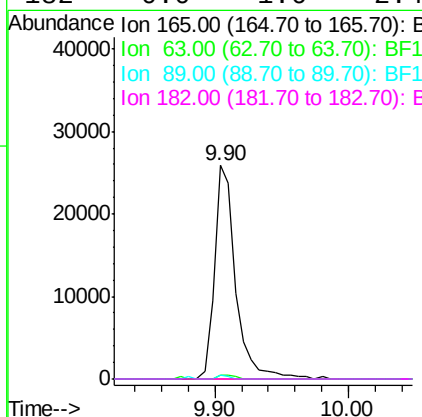
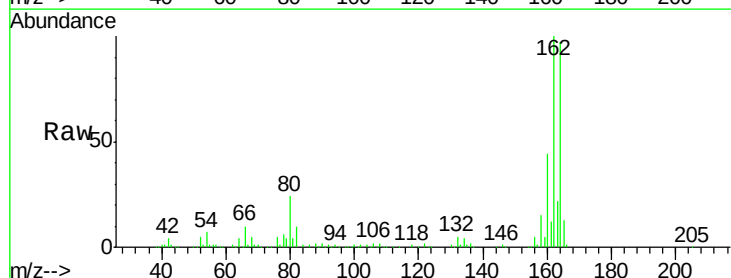
Instrument :
BNA_F
ClientSampled :

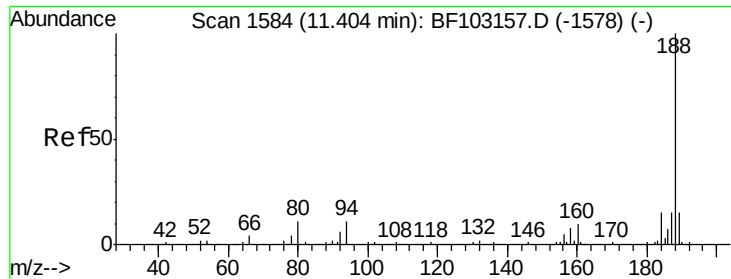
Tot Ion:172 Resp: 984771
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.9 19.6 29.4



#56
2,4-Dinitrotoluene
Concen: 6.115 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF103563.D
Acq: 9 Mar 2018 18:00

Tgt Ion:165 Resp: 29015
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#

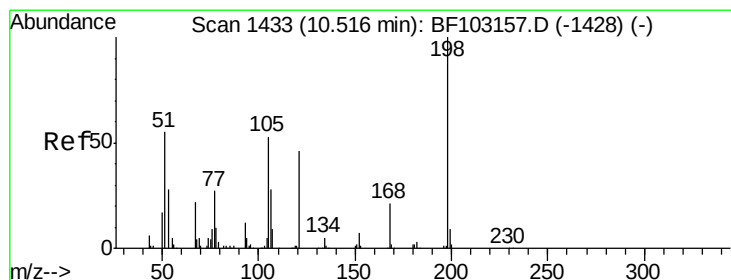
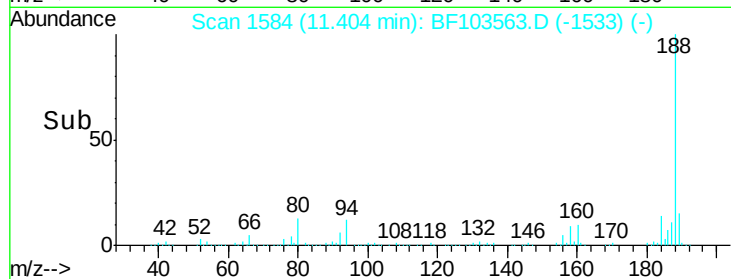
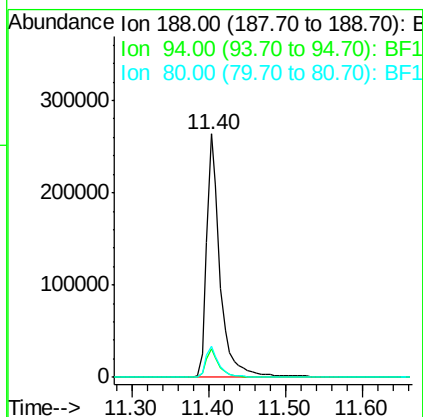
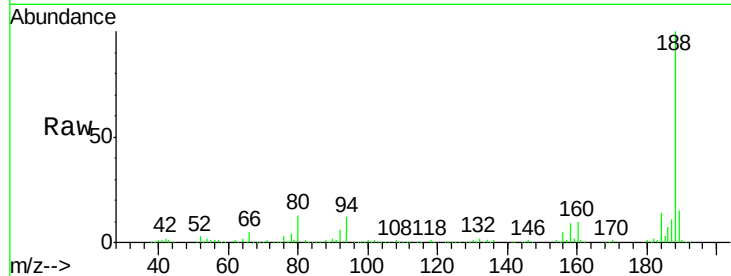




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103563.D
 Acq: 9 Mar 2018 18:00

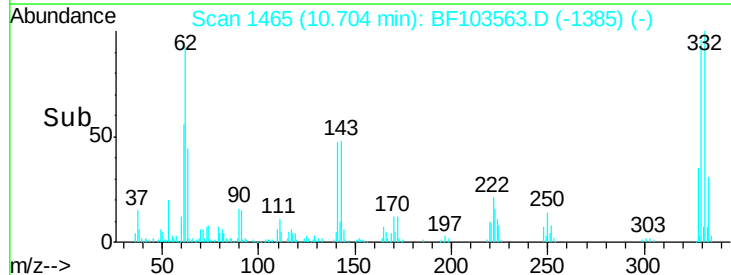
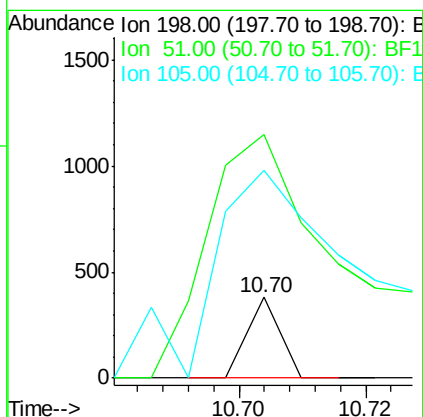
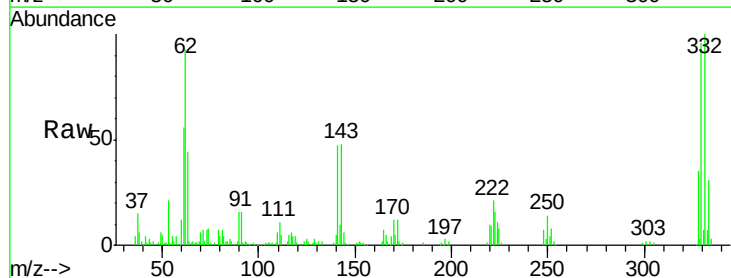
Instrument :
 BNA_F
 ClientSampleId :

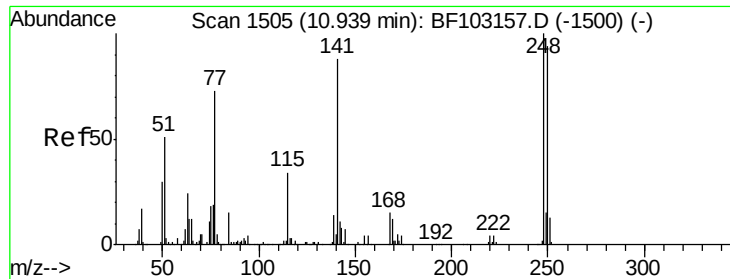
Tot Ion:188 Resp: 318552
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 12.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.007 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.17 min
 Lab File: BF103563.D
 Acq: 9 Mar 2018 18:00

Tgt Ion:198 Resp: 134
 Ion Ratio Lower Upper
 198 100
 51 301.3 37.7 77.7#
 105 257.0 36.3 76.3#

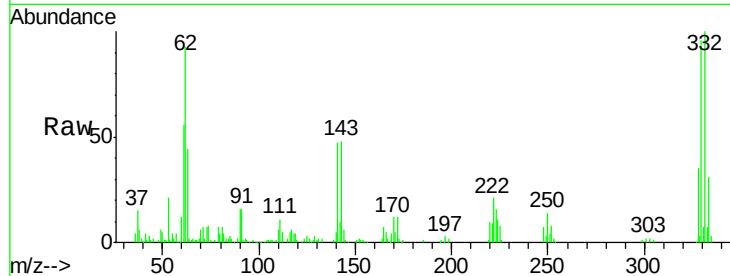




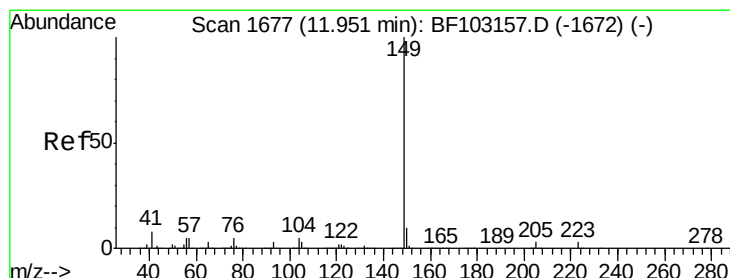
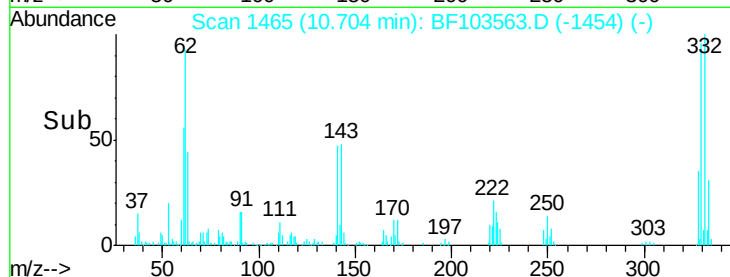
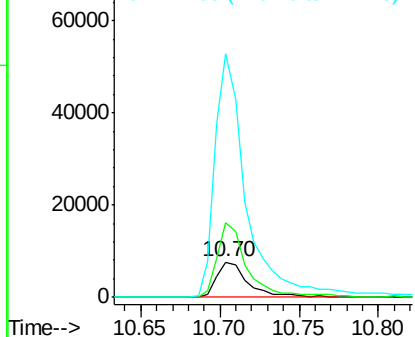
#66
4-Bromophenyl-phenylether
Concen: 3.154 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103563.D
Acq: 9 Mar 2018 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10467
Ion Ratio Lower Upper
248 100
250 211.6 76.9 115.3#
141 693.5 74.4 111.6#

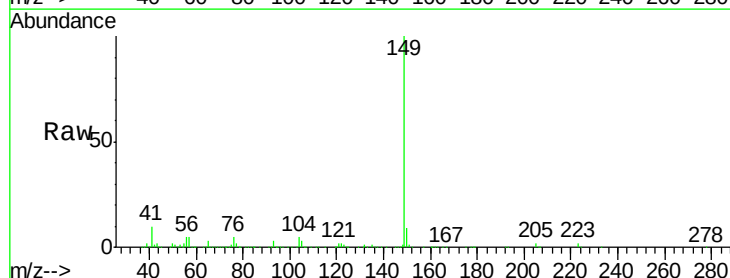


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

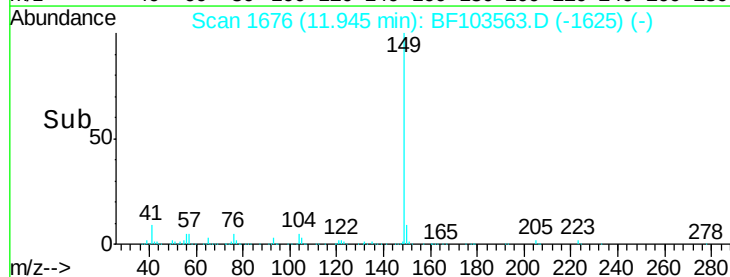
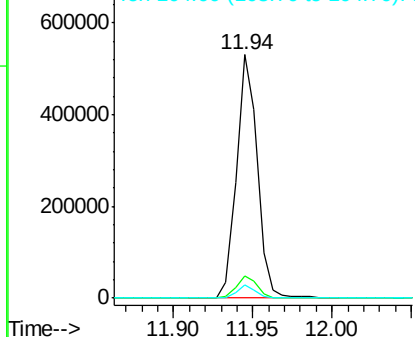


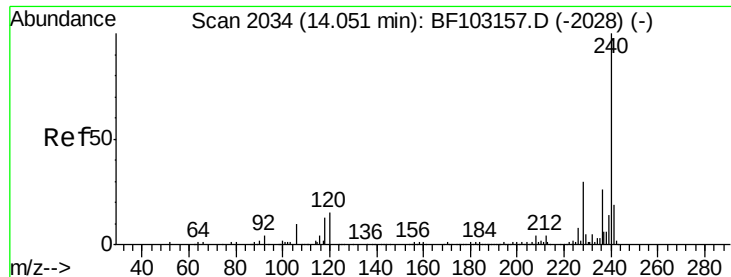
#73
Di-n-butylphthalate
Concen: 21.579 ng
RT: 11.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BF103563.D
Acq: 9 Mar 2018 18:00

Tgt Ion:149 Resp: 483384
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.4 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: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103563.D

Acq: 9 Mar 2018 18:00

Instrument :

BNA_F

ClientSampleId :

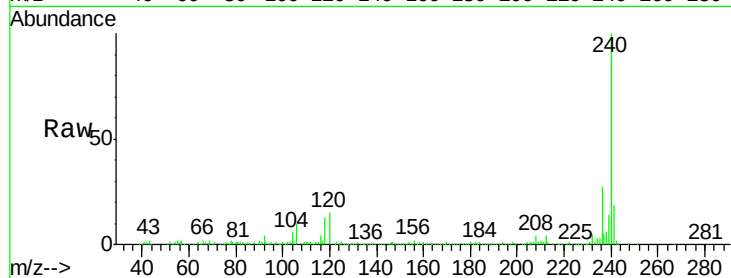
Tot Ion:240 Resp: 231667

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

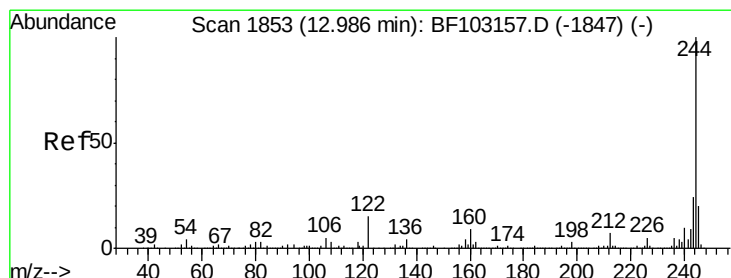
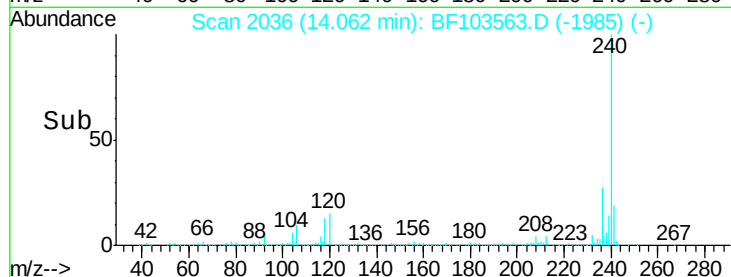
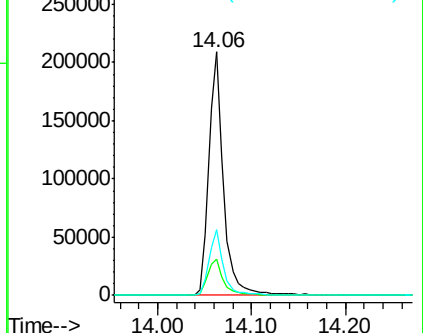
236 26.8 20.7 31.1



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: 59.094 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103563.D

Acq: 9 Mar 2018 18:00

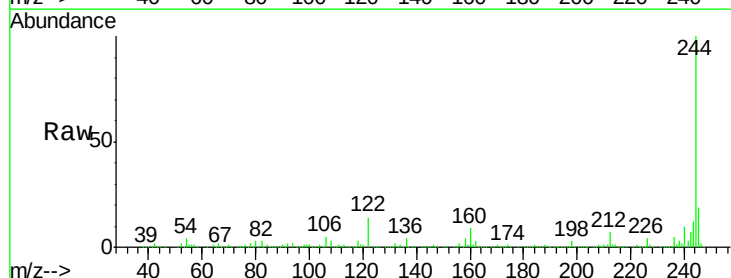
Tgt Ion:244 Resp: 569506

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

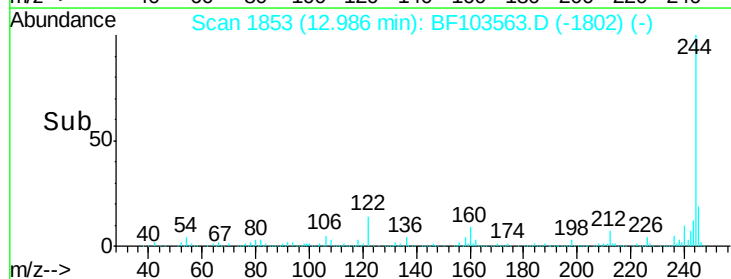
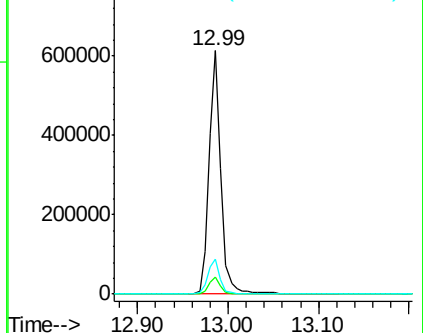
122 14.3 11.0 16.4

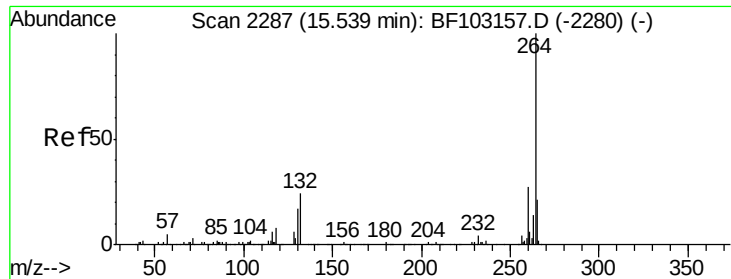


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

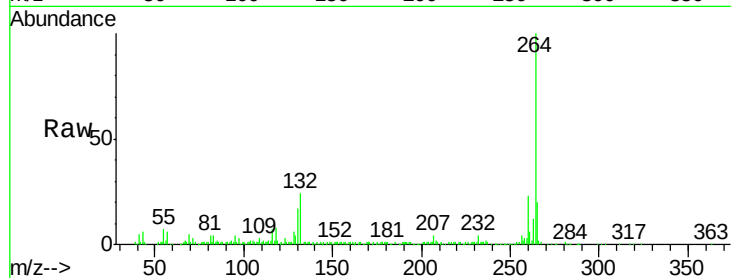




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103563.D
Acq: 9 Mar 2018 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.1	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

