

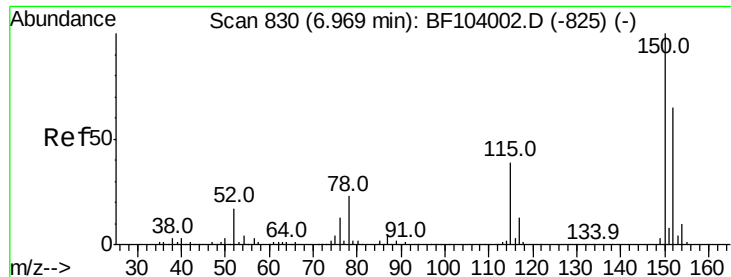
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104283.D
 Acq On : 5 Apr 2018 21:27
 Operator : JU/SJ
 Sample : J2237-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:10:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	95045	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	453011	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	217168	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	412412	20.00	ng	0.00
75) Chrysene-d12	14.13	240	341481	20.00	ng	-0.01
86) Perylene-d12	15.66	264	254679	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	705807	118.43	ng	-0.01
7) Phenol-d6	6.58	99	1041082	141.98	ng	-0.02
23) Nitrobenzene-d5	7.52	82	587046	79.25	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	287221	118.78	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1188534	86.30	ng	-0.01
78) Terphenyl-d14	13.06	244	1181088	79.86	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	15640	2.741	ng	Qvalue 84
15) Benzyl Alcohol	7.09	79	9601	2.014	ng	# 45
19) n-Nitroso-di-n-propylamine	7.52	70	65616	15.079	ng	# 70
25) Isophorone	7.52	82	587046	43.003	ng	# 64
49) Dimethylphthalate	9.69	163	81978	4.781	ng	100
50) 2,6-Dinitrotoluene	9.98	165	25865	7.012	ng	# 25
56) 2,4-Dinitrotoluene	9.98	165	26392	5.607	ng	# 23
66) 4-Bromophenyl-phenylether	10.77	248	16524	3.745	ng	# 1

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

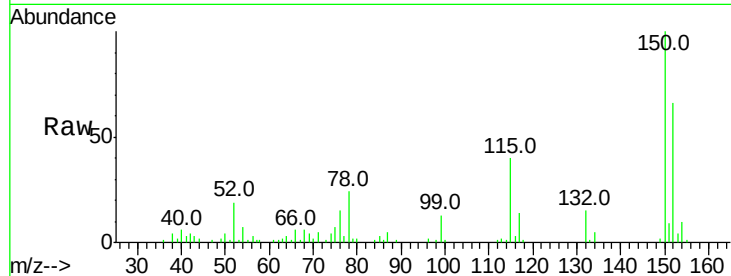


#1

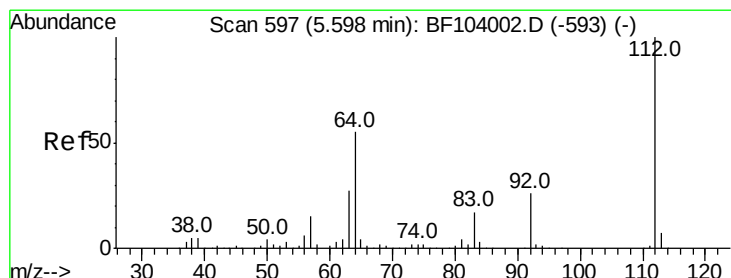
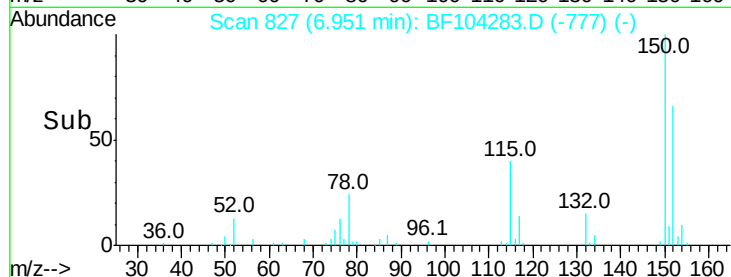
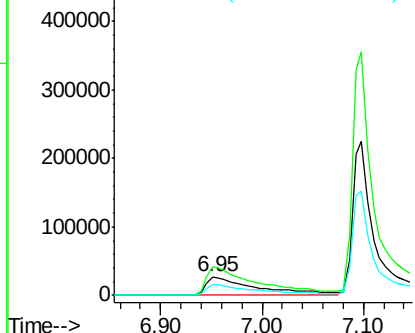
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95045
Ion Ratio Lower Upper
152 100
150 151.7 124.6 186.8
115 60.2 50.1 75.1



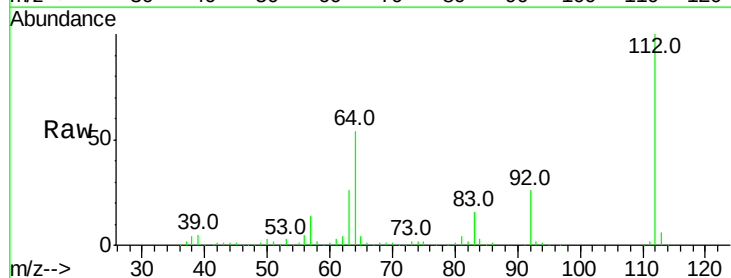
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



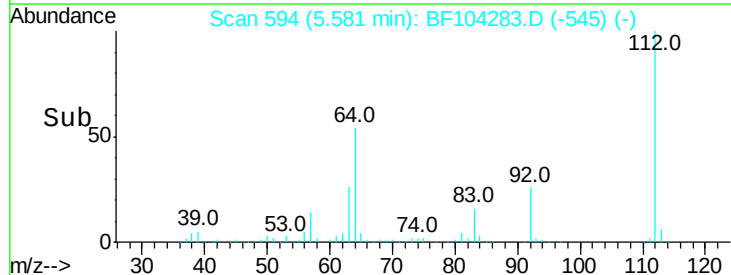
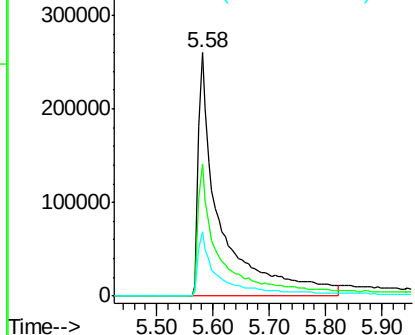
#5

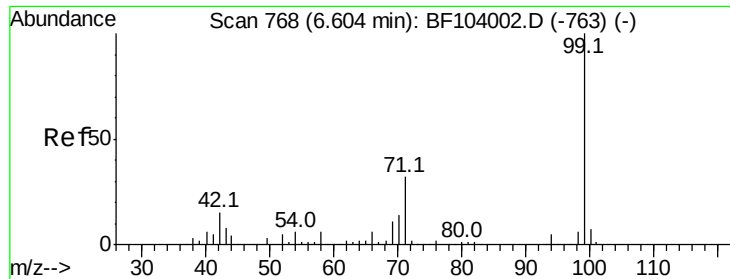
2-Fluorophenol
Concen: 118.426 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Tgt Ion:112 Resp: 705807
Ion Ratio Lower Upper
112 100
64 54.4 47.9 71.9
63 26.2 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: 141.983 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104283.D

Acq: 5 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

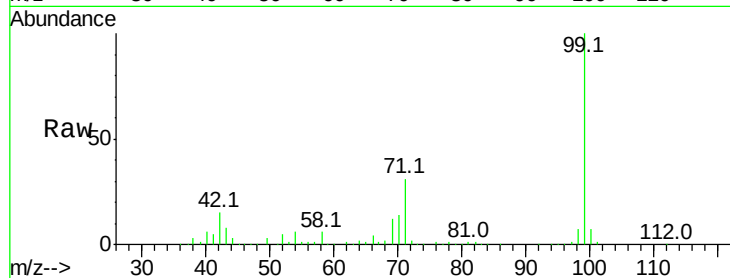
Tot Ion: 99 Resp: 1041082

Ion Ratio Lower Upper

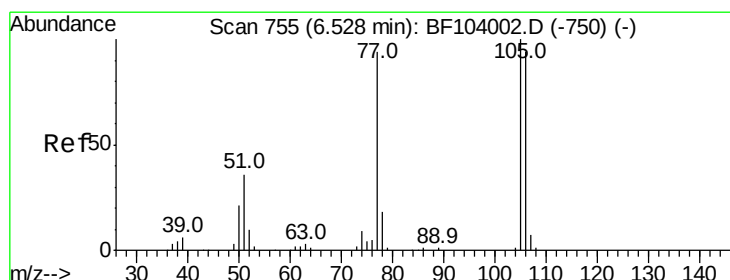
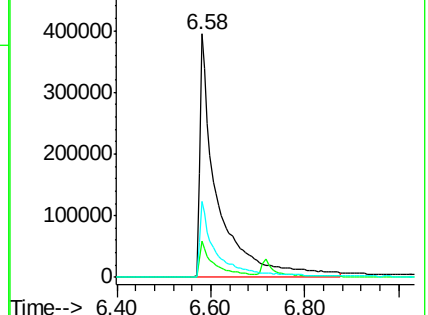
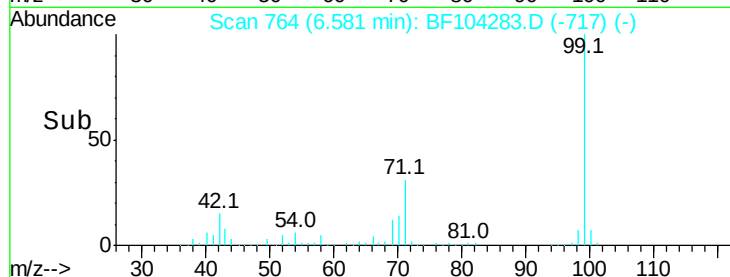
99 100

42 15.1 14.5 21.7

71 31.2 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



#9

Benzaldehyde

Concen: 2.741 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.20 min

Lab File: BF104283.D

Acq: 5 Apr 2018 21:27

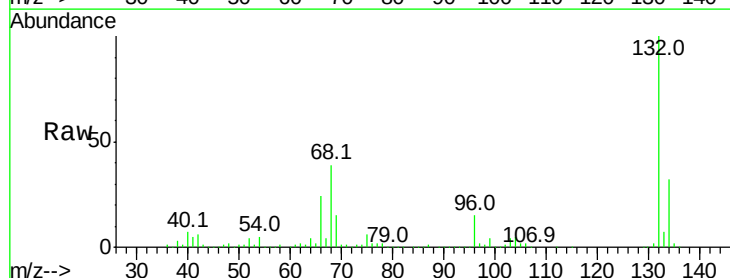
Tgt Ion: 77 Resp: 15640

Ion Ratio Lower Upper

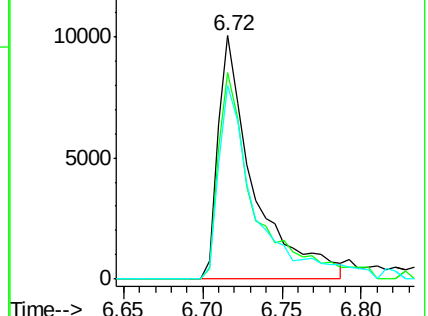
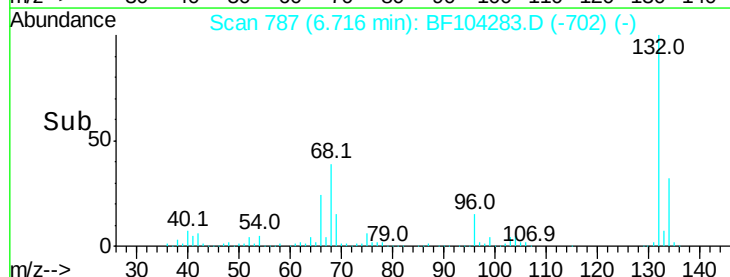
77 100

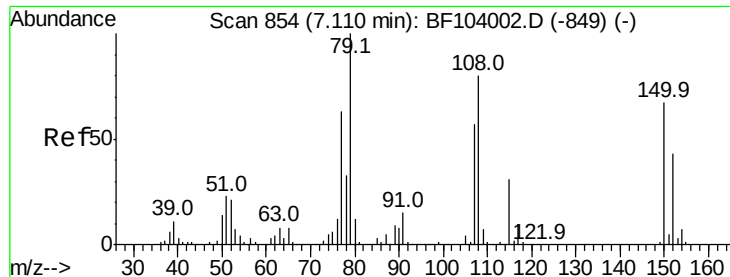
105 85.0 81.1 121.1

106 79.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

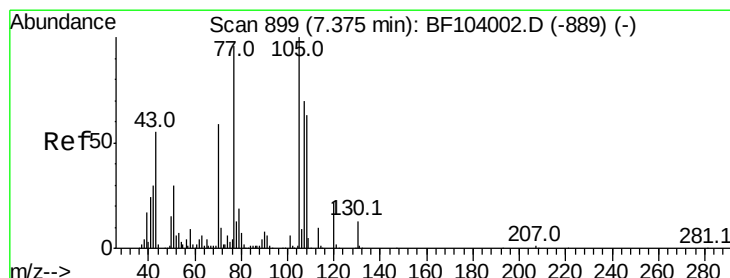
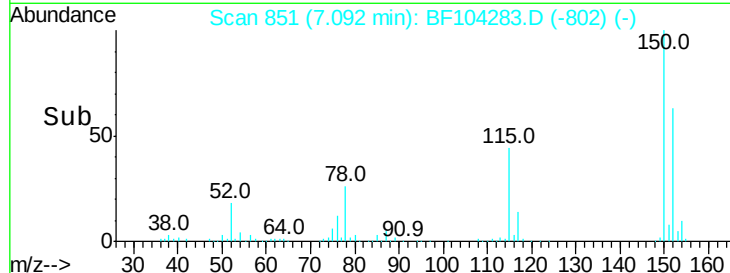
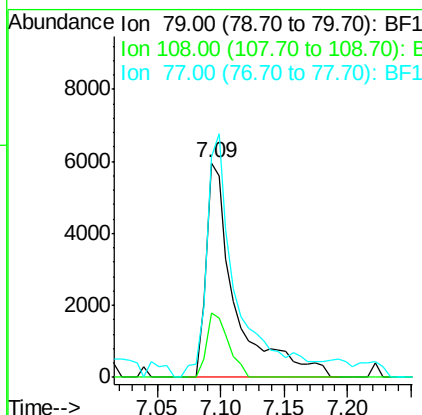
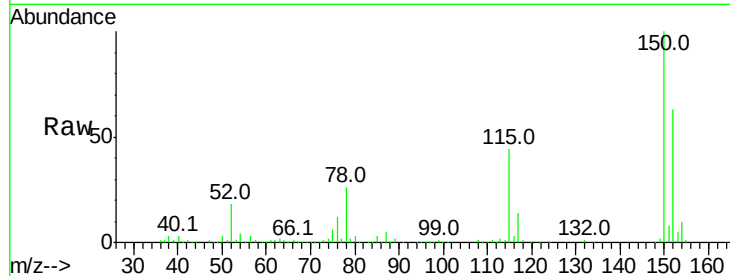




#15
Benzyl Alcohol
Concen: 2.014 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

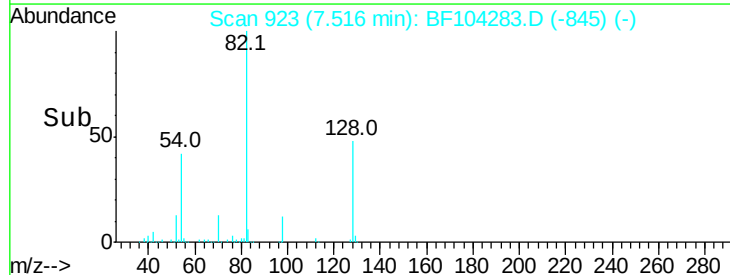
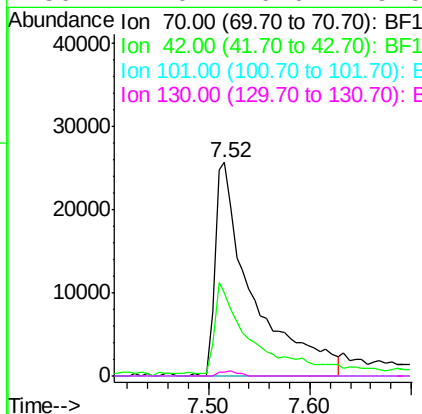
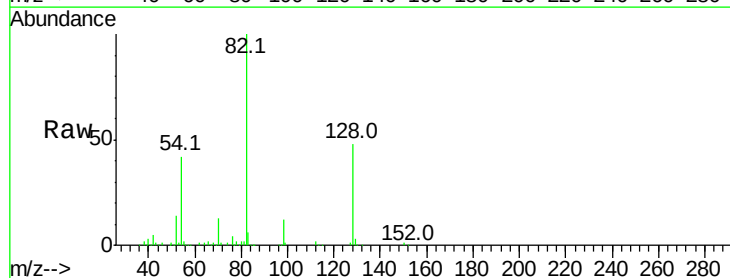
Instrument :
BNA_F
ClientSampled :

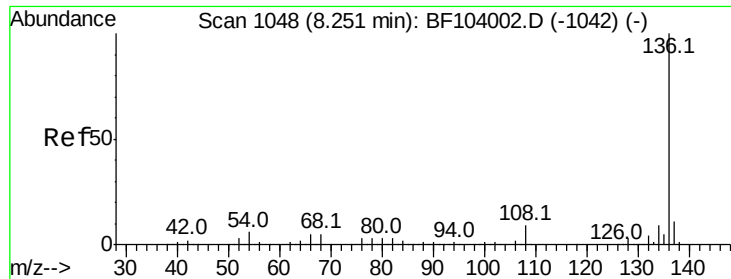
Tot Ion: 79 Resp: 9601
Ion Ratio Lower Upper
79 100
108 29.7 65.1 97.7#
77 103.0 50.6 75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.079 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Tgt Ion: 70 Resp: 65616
Ion Ratio Lower Upper
70 100
42 39.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104283.D

Acq: 5 Apr 2018 21:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 453011

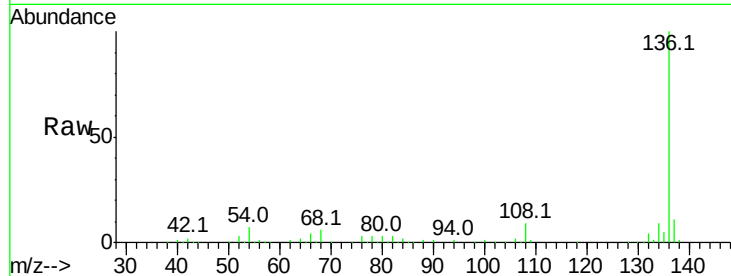
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.7 6.6 9.8

68 6.1 5.0 7.4

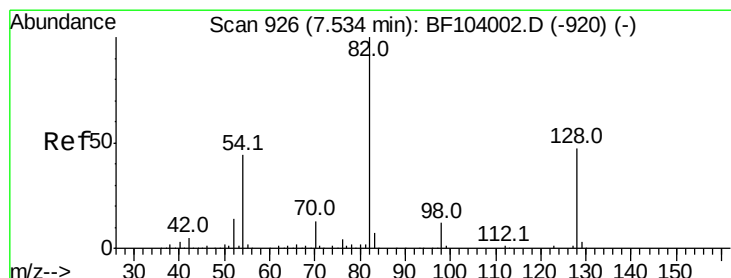
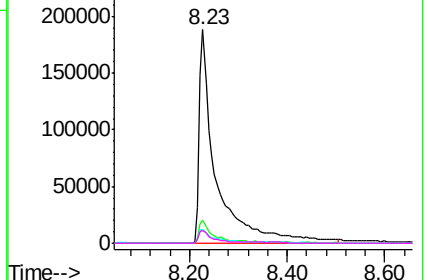
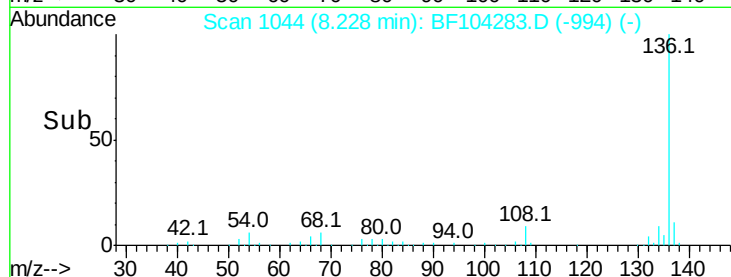


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.250 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF104283.D

Acq: 5 Apr 2018 21:27

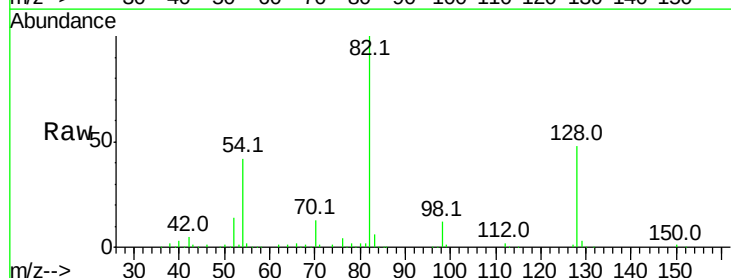
Tgt Ion: 82 Resp: 587046

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

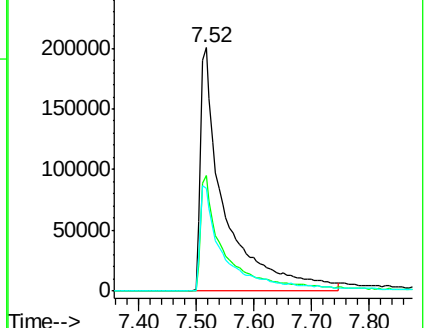
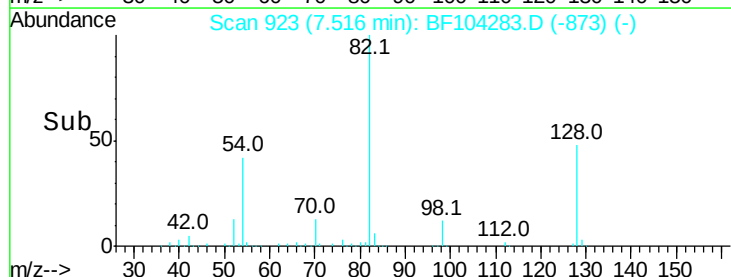
54 42.1 41.4 62.2

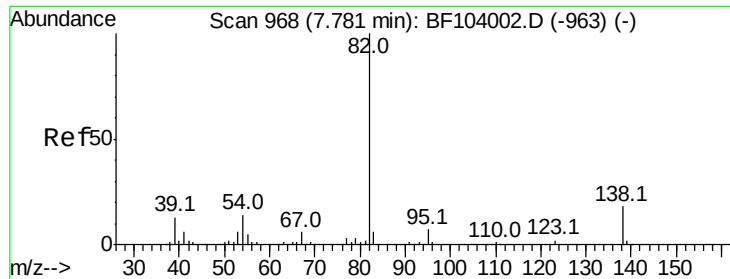


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

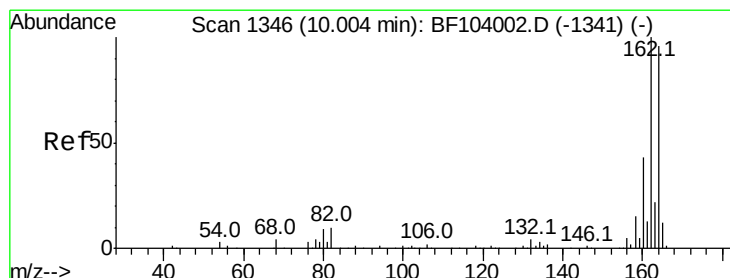
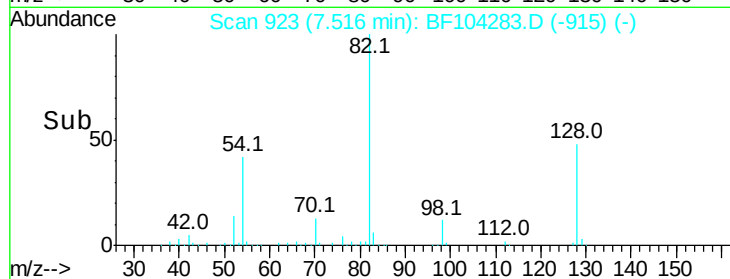
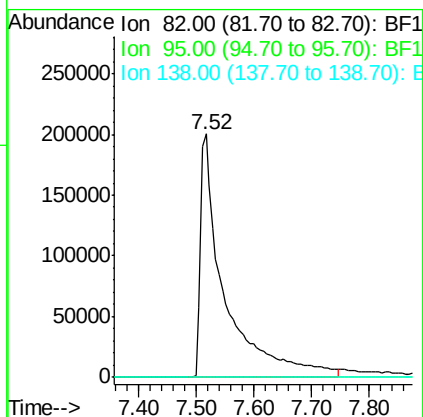
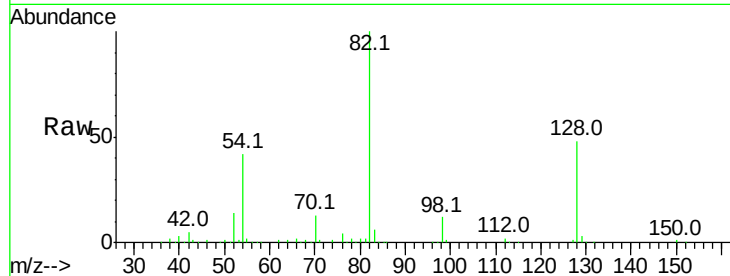




#25
Isophorone
Concen: 43.003 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

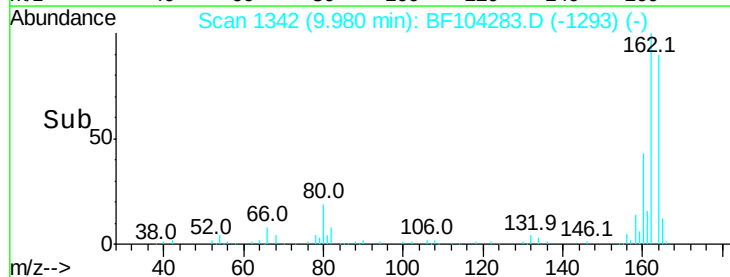
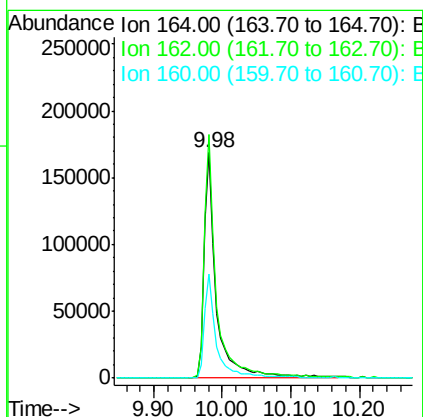
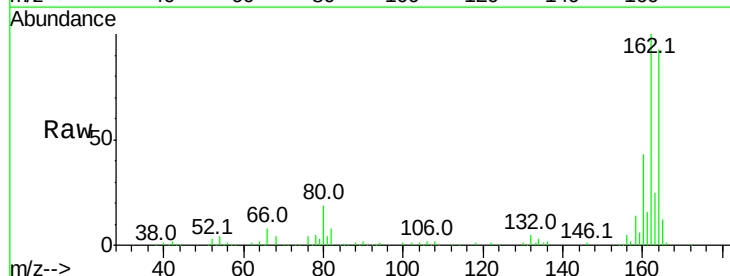
Instrument :
BNA_F
ClientSampleId :

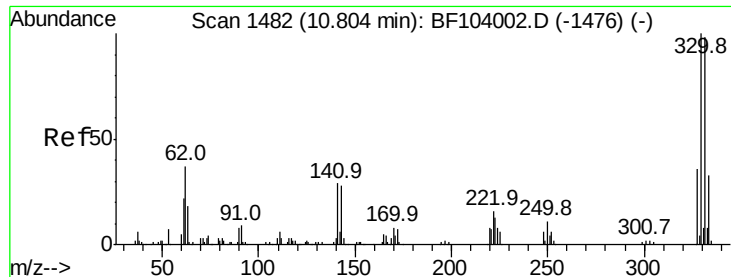
Tot Ion: 82 Resp: 587046
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Tgt Ion:164 Resp: 217168
Ion Ratio Lower Upper
164 100
162 107.9 86.1 129.1
160 46.2 38.3 57.5

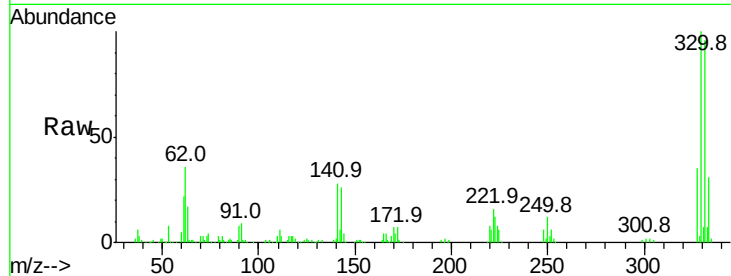




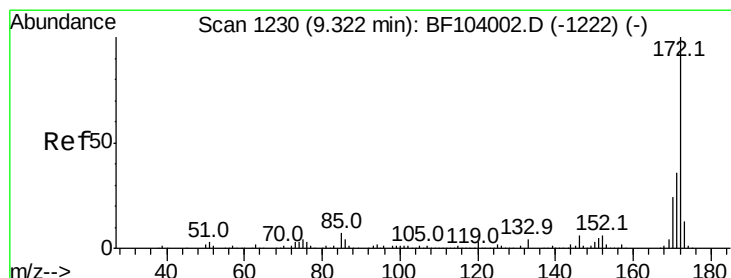
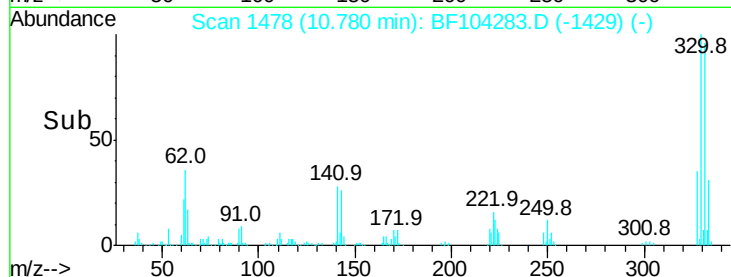
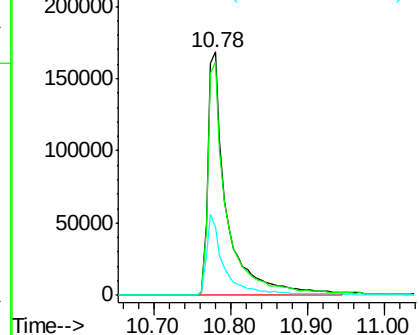
#41
 2,4,6-Tribromophenol
 Concen: 118.776 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104283.D
 Acq: 5 Apr 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 287221
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 31.2 29.9 44.9

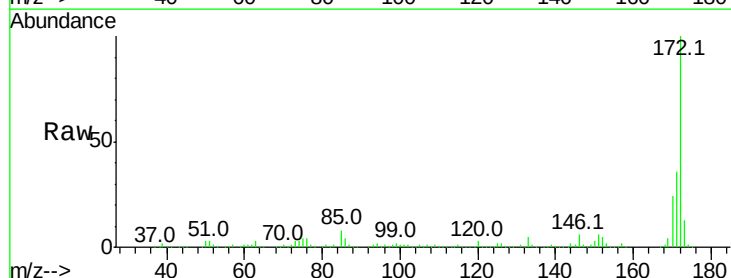


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

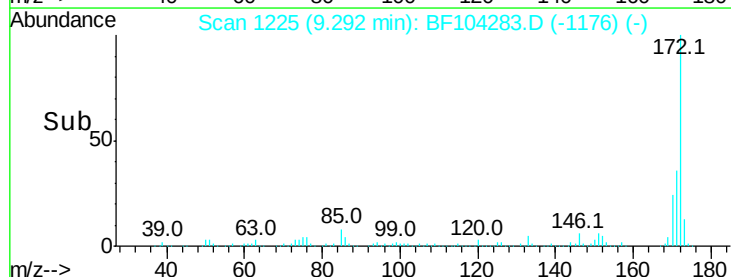
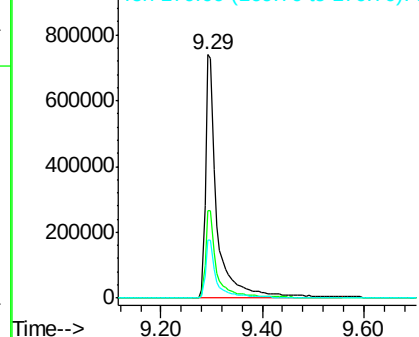


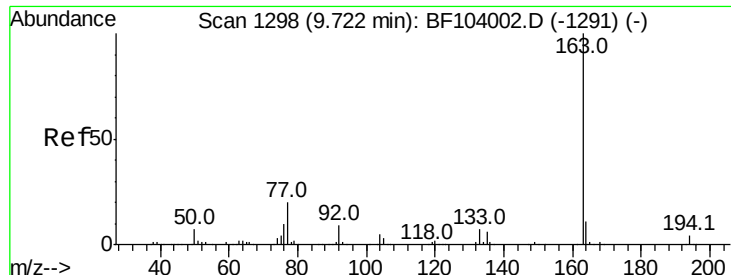
#44
 2-Fluorobiphenyl
 Concen: 86.303 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF104283.D
 Acq: 5 Apr 2018 21:27

Tgt Ion:172 Resp: 1188534
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.7 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

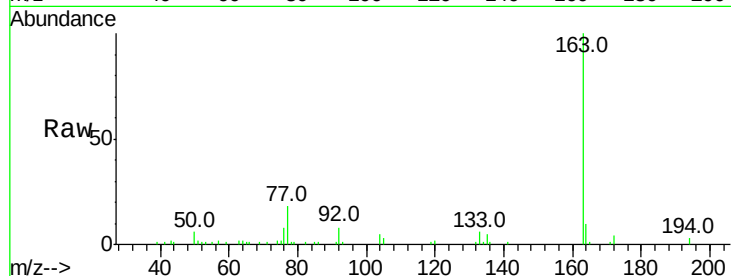




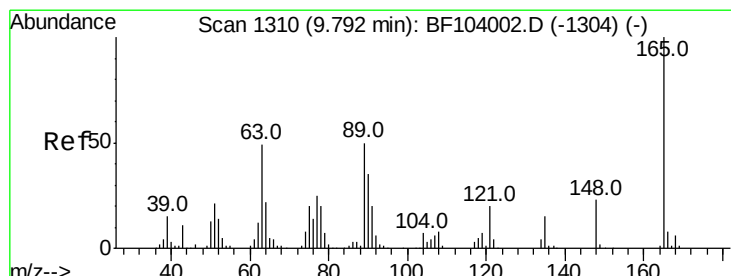
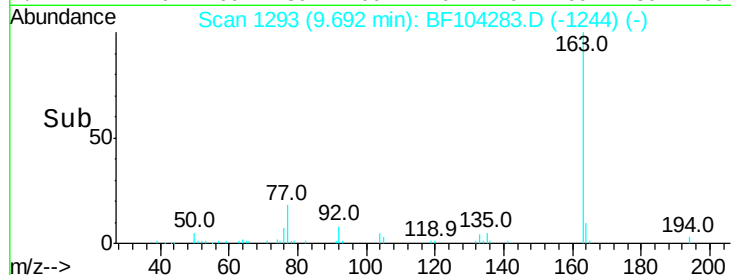
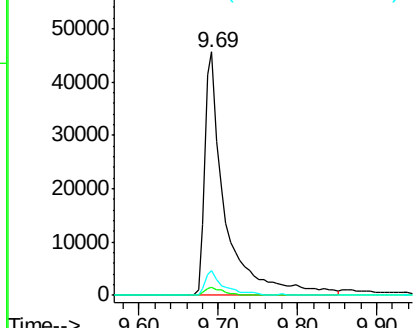
#49
Dimethylphthalate
Concen: 4.781 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 81978
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 8.2 12.2

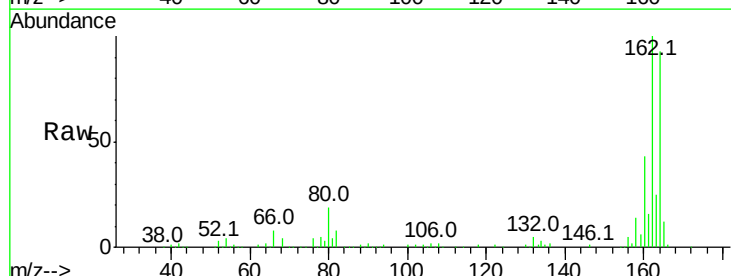


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

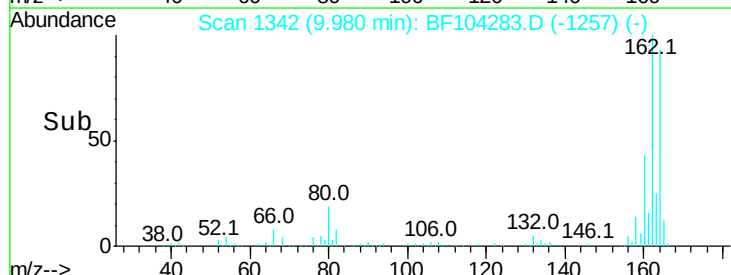
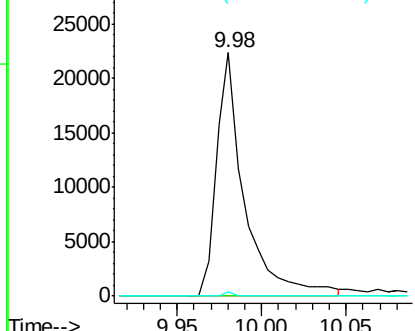


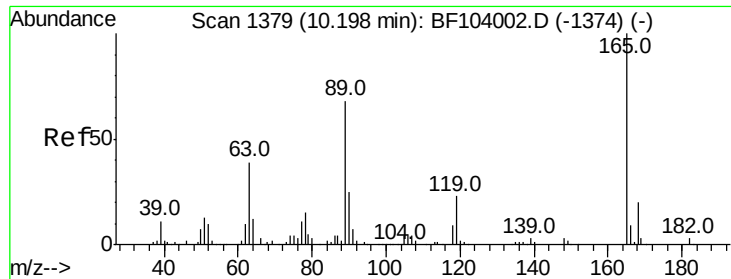
#50
2,6-Dinitrotoluene
Concen: 7.012 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.20 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Tgt Ion:165 Resp: 25865
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.8 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

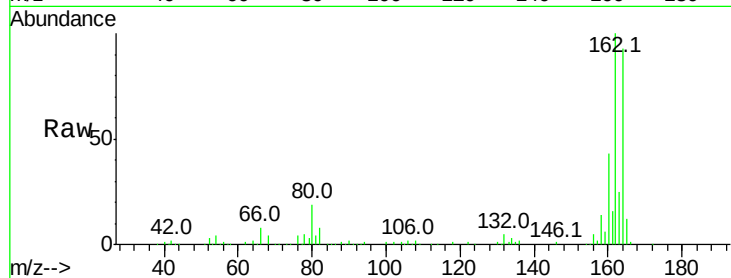




#56
 2,4-Dinitrotoluene
 Concen: 5.607 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF104283.D
 Acq: 5 Apr 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	26392	
Ion Ratio	Lower	Upper	
165 100			
63 0.0	36.4	54.6#	
89 1.8	57.8	86.6#	
182 0.0	1.6	2.4#	

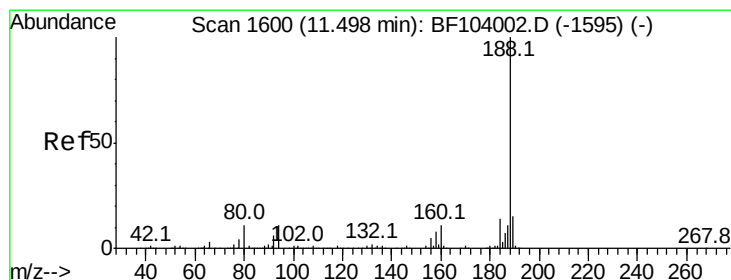
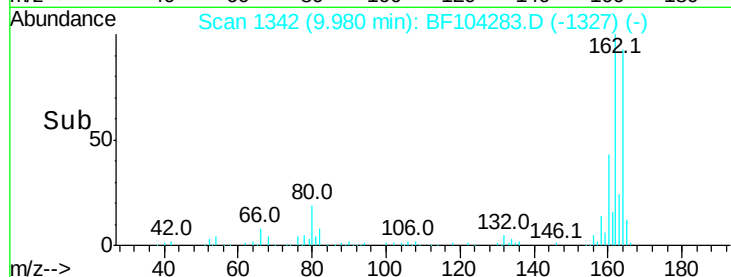
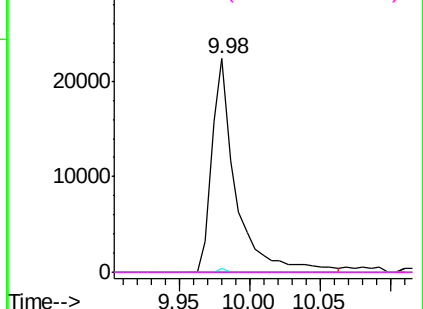


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

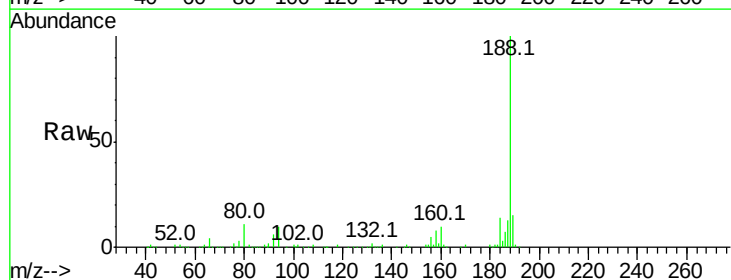
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF104283.D
 Acq: 5 Apr 2018 21:27

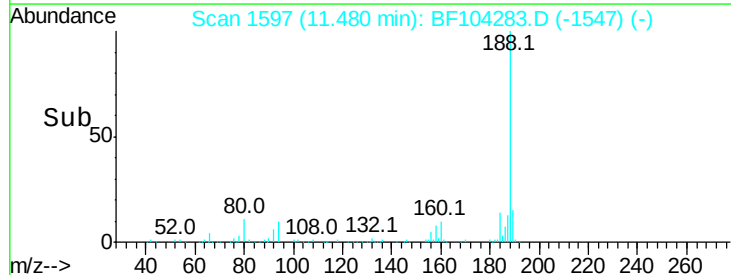
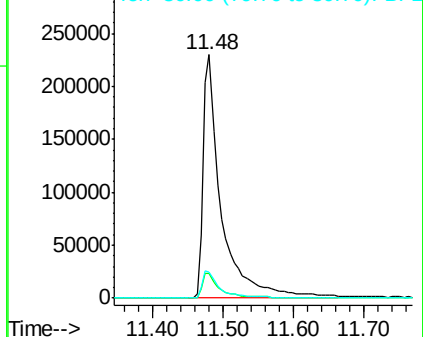
Tgt	Ion:188	Resp:	412412
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.7	9.2	13.8

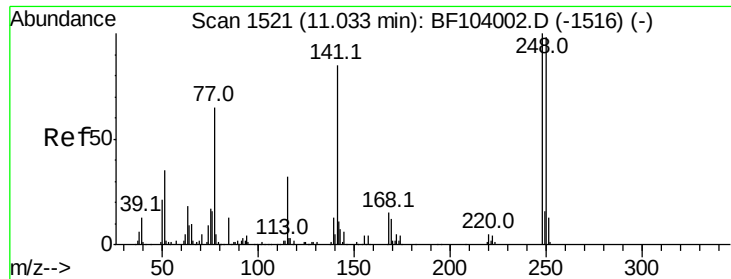


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

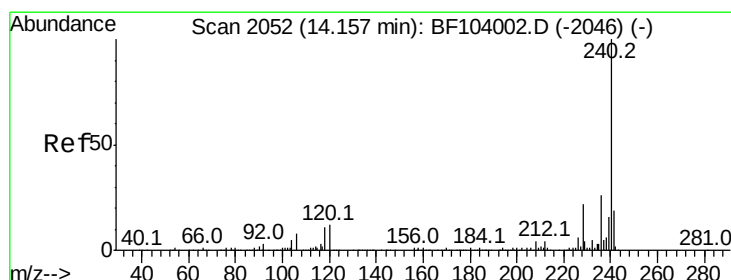
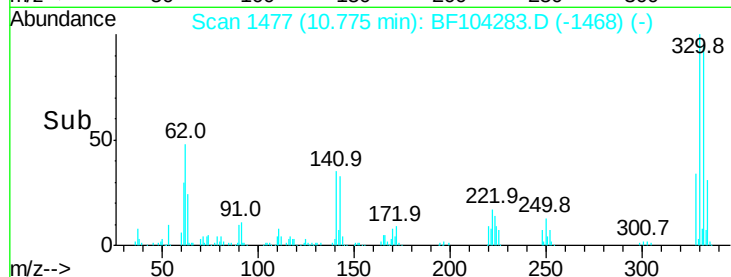
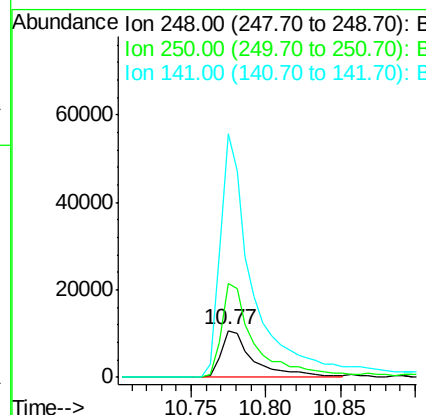
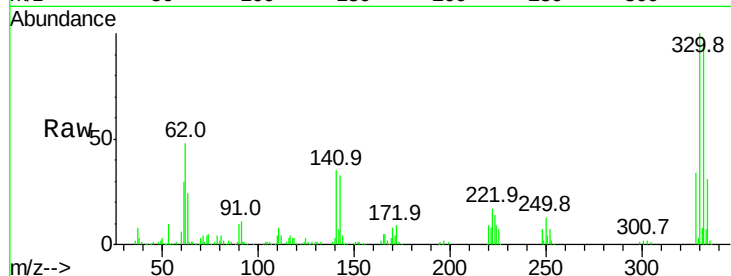




#66
4-Bromophenyl-phenylether
Concen: 3.745 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

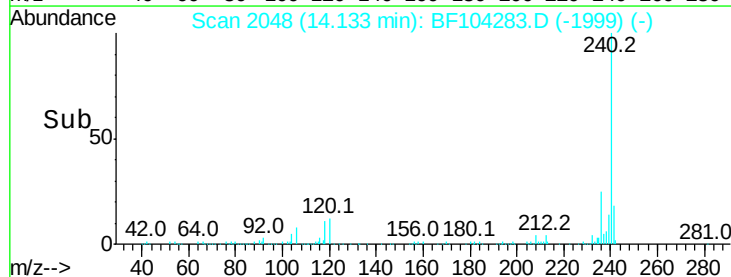
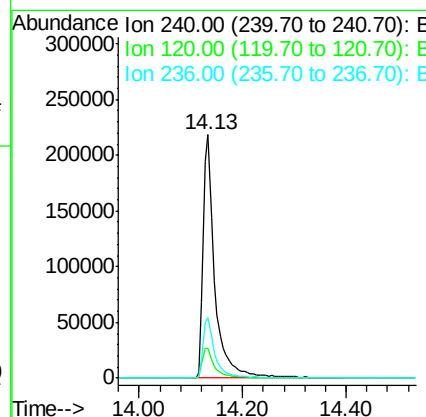
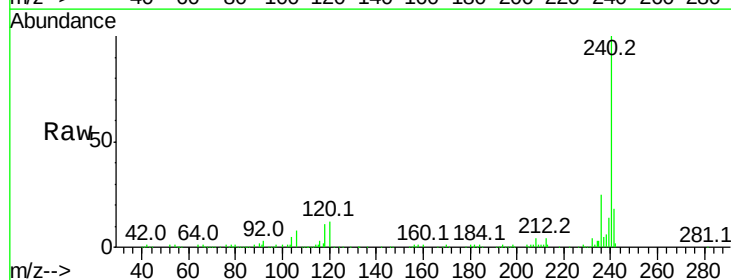
Instrument :
BNA_F
ClientSampleId :

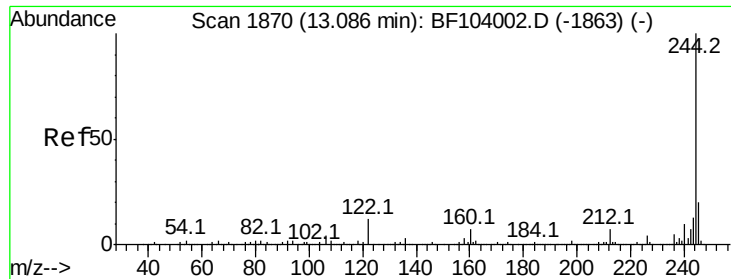
Tot Ion:248 Resp: 16524
Ion Ratio Lower Upper
248 100
250 201.1 76.9 115.3#
141 523.9 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Tgt Ion:240 Resp: 341481
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.0 20.7 31.1

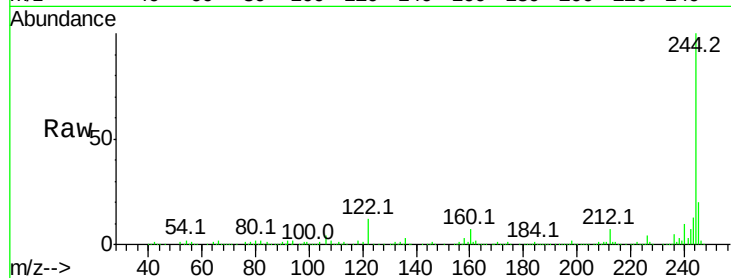




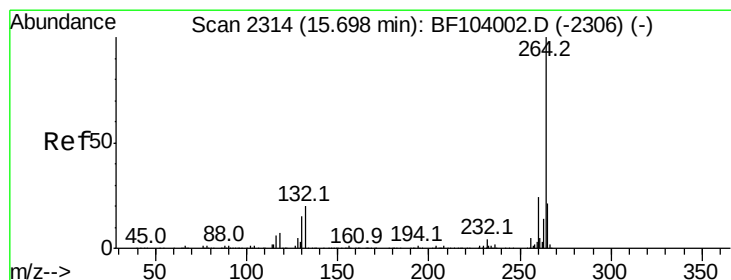
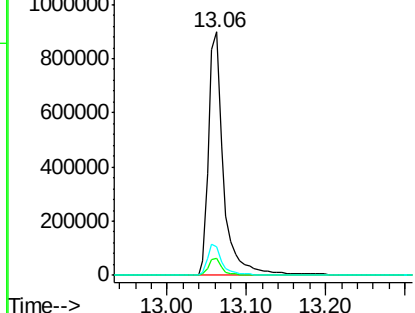
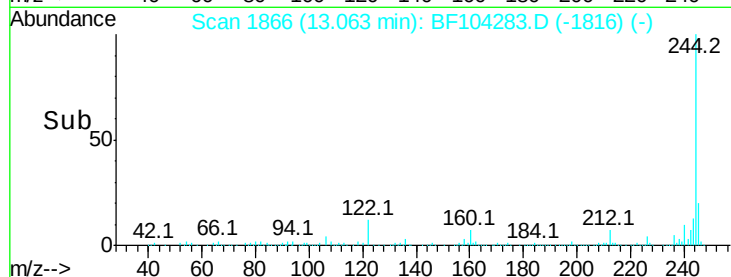
#78
 Terphenyl-d14
 Concen: 79.860 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104283.D
 Acq: 5 Apr 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1181088
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.7 11.0 16.4

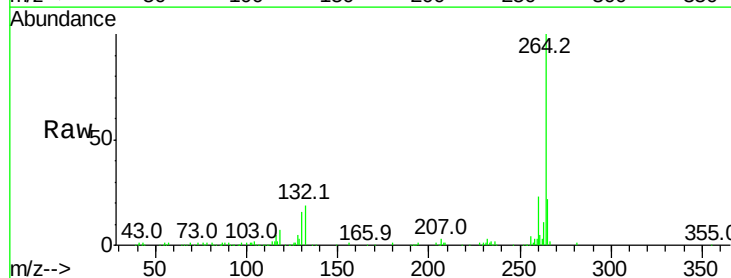


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.02 min
 Lab File: BF104283.D
 Acq: 5 Apr 2018 21:27

Tgt Ion:264 Resp: 254679
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.9 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

