

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100786.D
 Acq On : 21 Nov 2017 17:52
 Operator : SJ/JU
 Sample : I6537-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 04:12:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	83622	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	316164	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	141046	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	226821	20.00	ng	0.00
75) Chrysene-d12	14.04	240	159480	20.00	ng	0.00
86) Perylene-d12	15.52	264	189652	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	347221	66.56	ng	0.00
7) Phenol-d6	6.49	99	260131	40.44	ng	-0.02
23) Nitrobenzene-d5	7.44	82	581779	121.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	212434	147.80	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1105599	119.36	ng	0.00
78) Terphenyl-d14	12.99	244	710987	102.44	ng	0.00

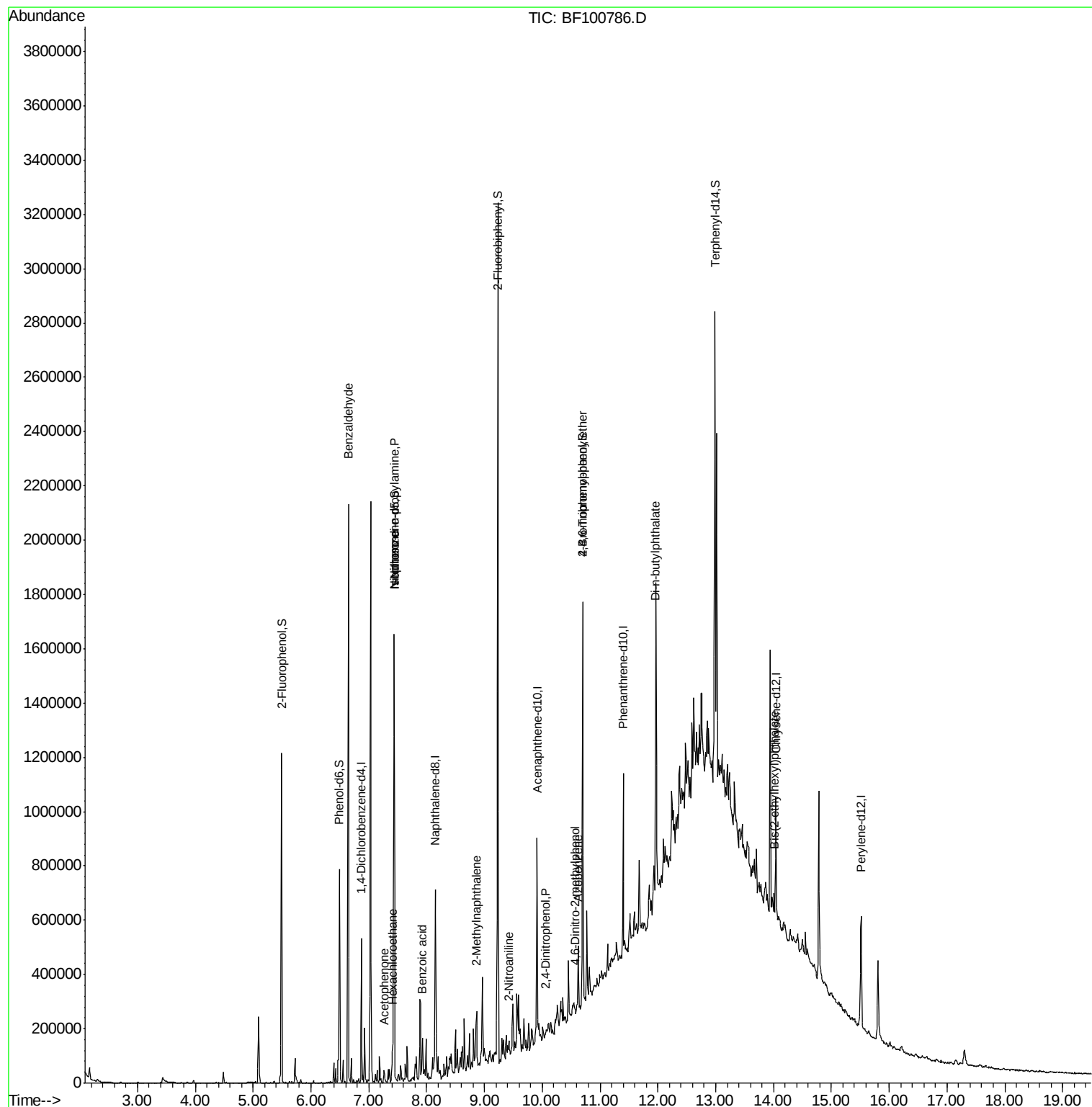
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	12722	2.77	ng	83
18) Hexachloroethane	7.40	117	8256	3.89	ng	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	77147	17.29	ng	# 80
22) Acetophenone	7.26	105	18909	2.45	ng	# 58
25) Isophorone	7.44	82	581887	57.90	ng	# 64
32) Benzoic acid	7.93	122	27613	15.81	ng	# 12
37) 2-Methylnaphthalene	8.86	142	49315	4.88	ng	97
47) 2-Nitroaniline	9.43	65	250	2.87	ng	# 71
53) 2,4-Dinitrophenol	10.05	184	114	7.98	ng	# 25
62) Azobenzene	10.62	77	42876	4.22	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.57	198	118	8.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	12893	5.30	ng	# 1
73) Di-n-butylphthalate	11.96	149	42695	3.26	ng	96
83) Bis(2-ethylhexyl)phthalate	14.01	149	18313	3.00	ng	# 93

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

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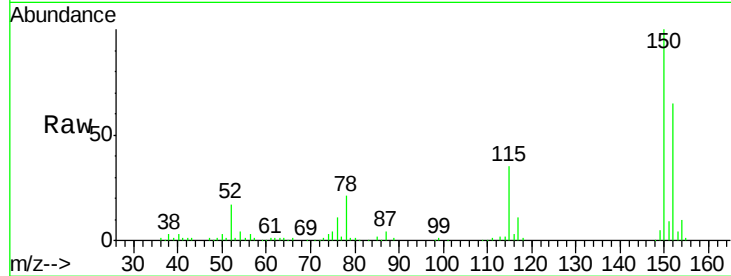


#1

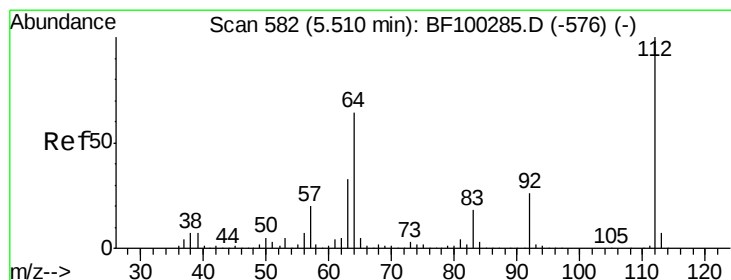
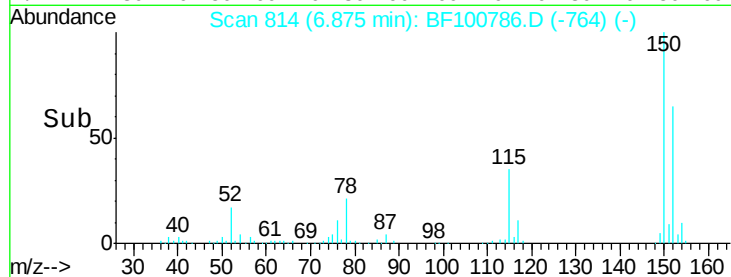
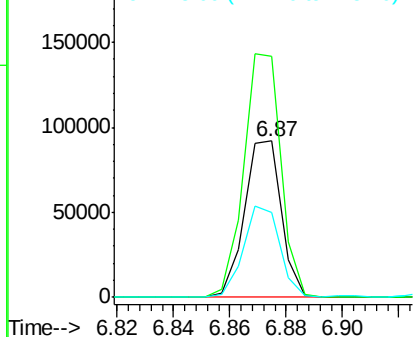
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83622
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 54.2 50.1 75.1



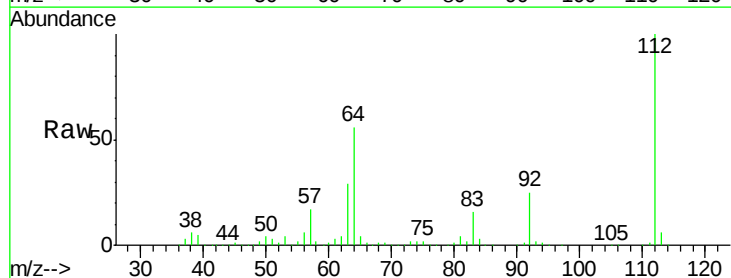
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



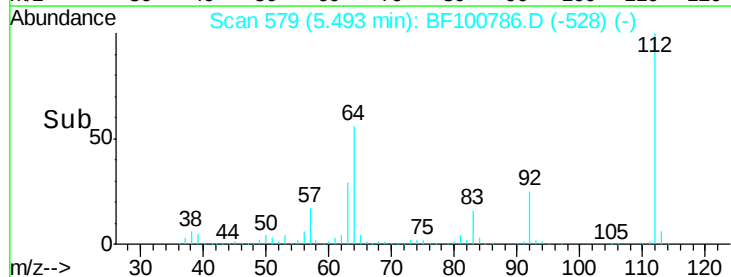
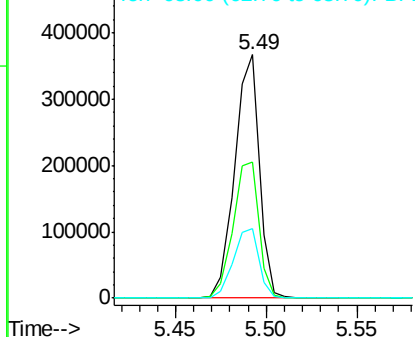
#5

2-Fluorophenol
Concen: 66.56 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Tgt Ion:112 Resp: 347221
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 28.6 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: 40.44 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

Instrument :

BNA_F

ClientSampleId :

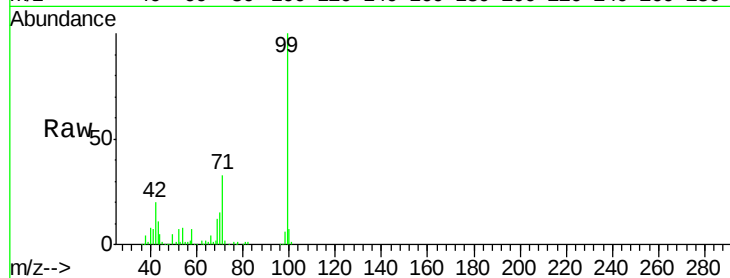
Tot Ion: 99 Resp: 260131

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

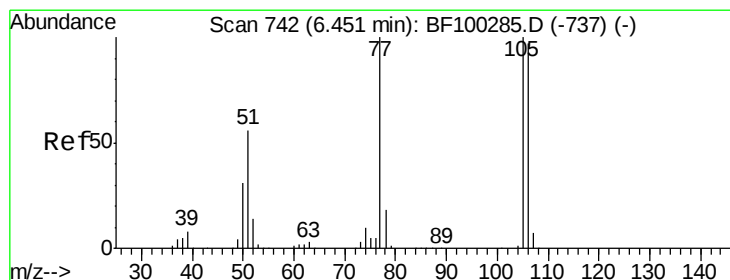
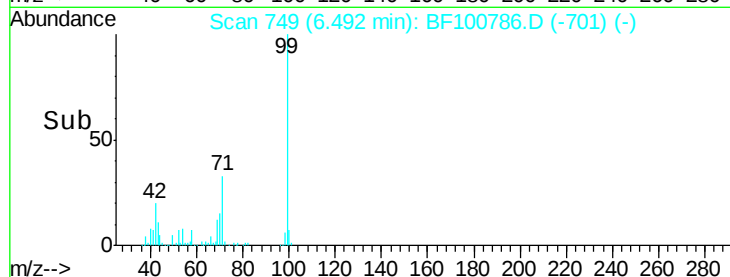
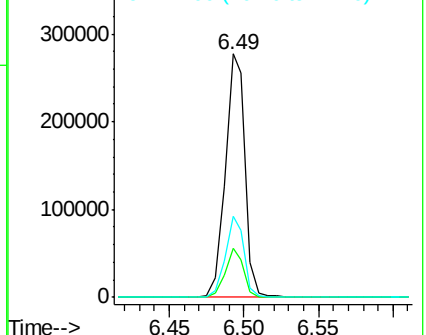
71 33.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.77 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.21 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

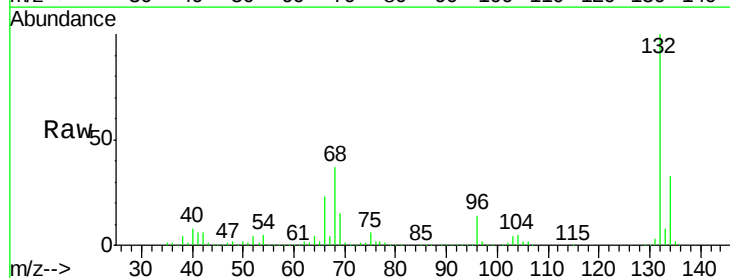
Tgt Ion: 77 Resp: 12722

Ion Ratio Lower Upper

77 100

105 84.6 81.1 121.1

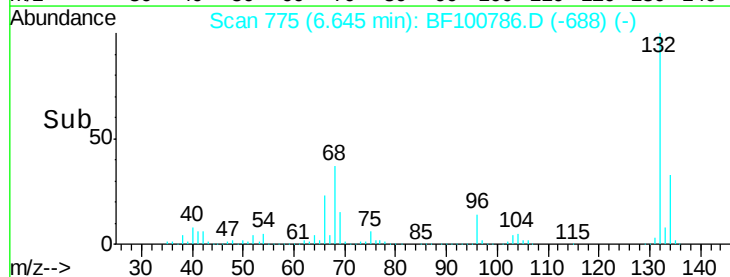
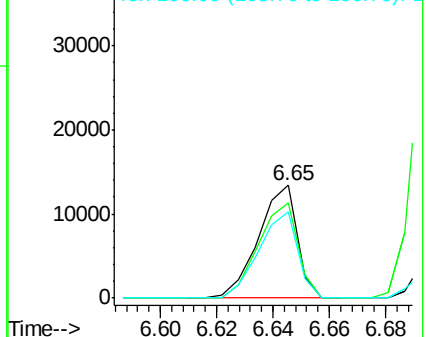
106 76.7 74.5 114.5

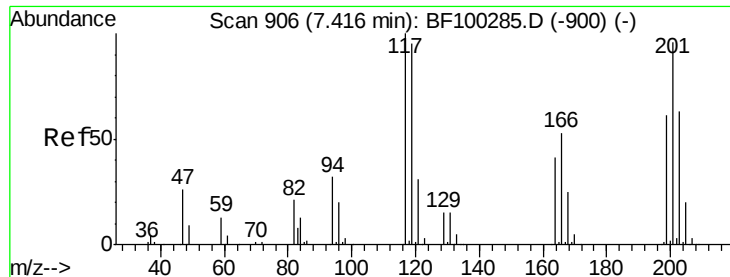


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#18

Hexachloroethane

Concen: 3.89 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

Instrument :
BNA_F
ClientSampleId :

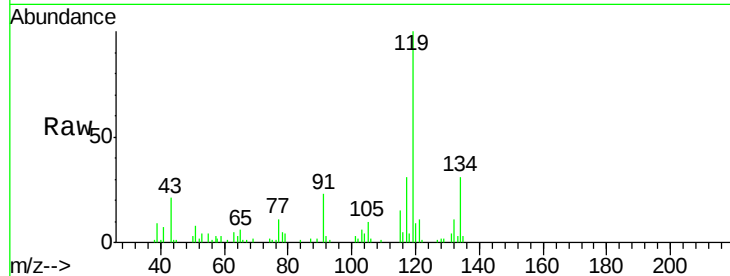
Tot Ion:117 Resp: 8256

Ion Ratio Lower Upper

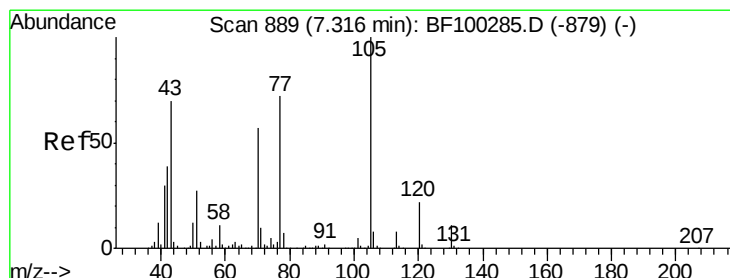
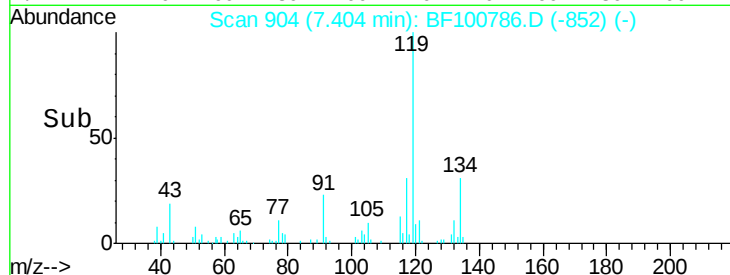
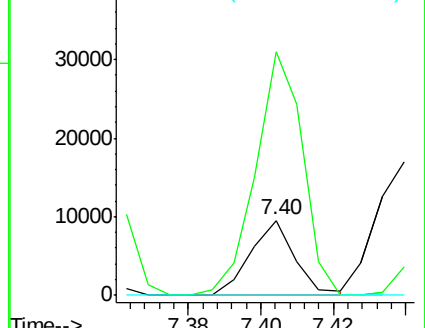
117 100

119 325.2 75.8 113.8#

201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 17.29 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

Tgt Ion: 70 Resp: 77147

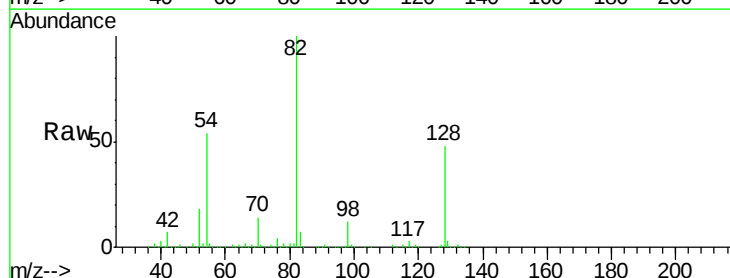
Ion Ratio Lower Upper

70 100

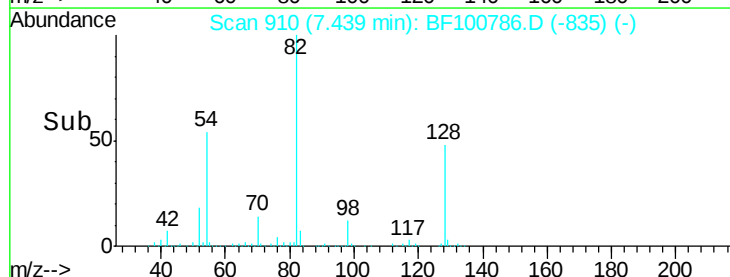
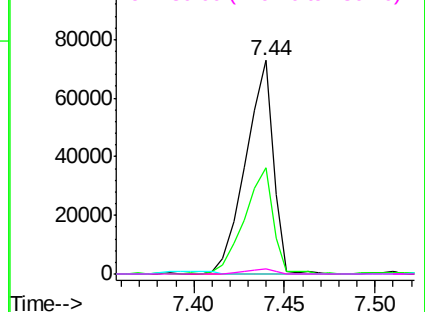
42 49.9 47.5 71.3

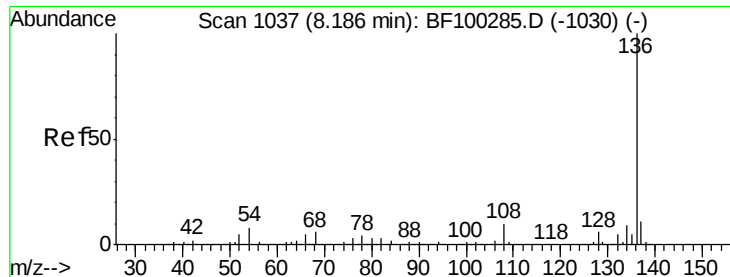
101 0.0 7.4 11.2#

130 2.4 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): E
Ion 130.00 (129.70 to 130.70): E

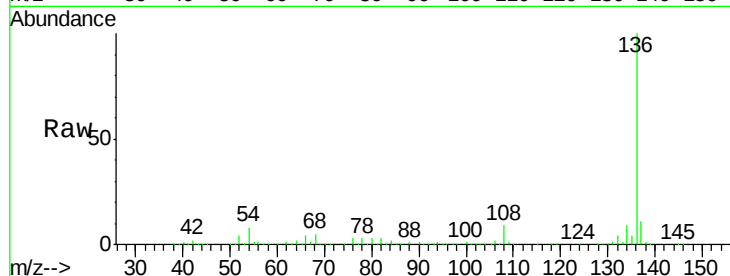




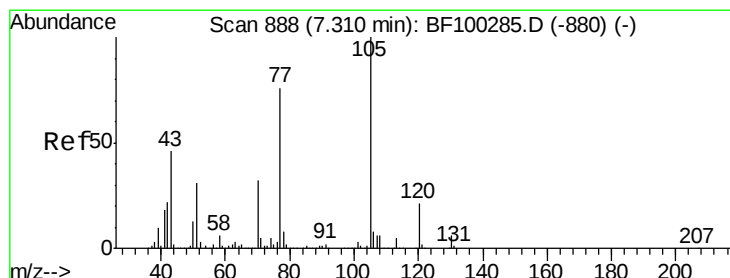
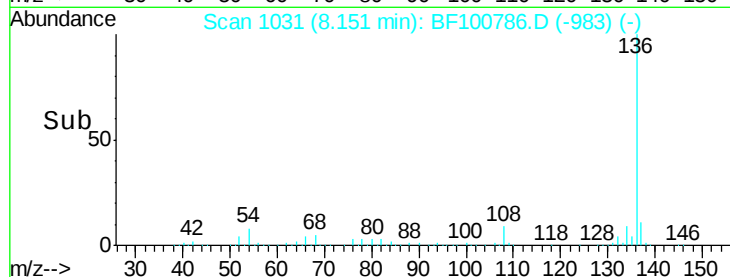
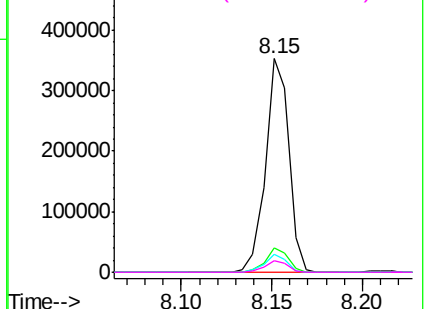
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	316164
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	8.4	6.6 9.8
68	5.4	5.0 7.4

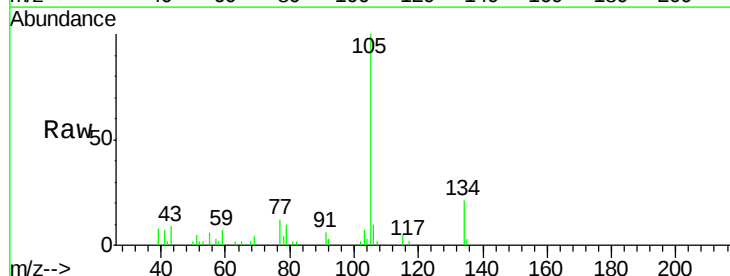


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

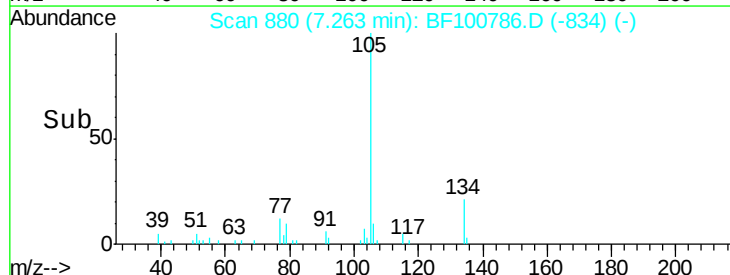
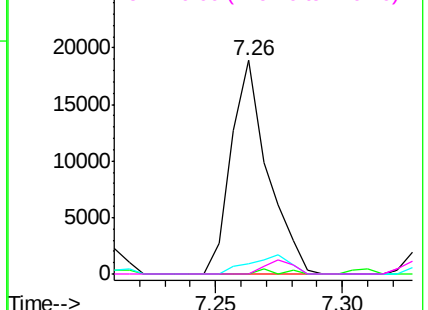


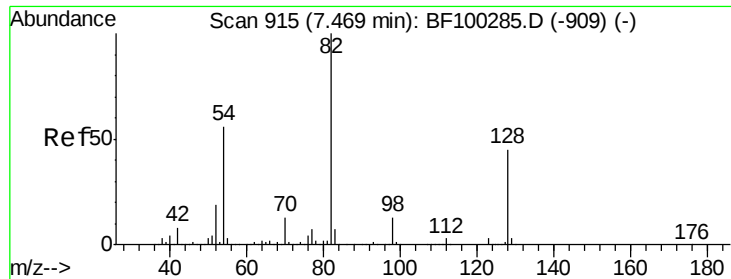
#22
Acetophenone
Concen: 2.45 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.03 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Tgt Ion:105	Resp:	18909
Ion Ratio	Lower	Upper
105	100	
71	0.0	4.4 6.6#
51	4.7	22.3 33.5#
120	0.0	16.9 25.3#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

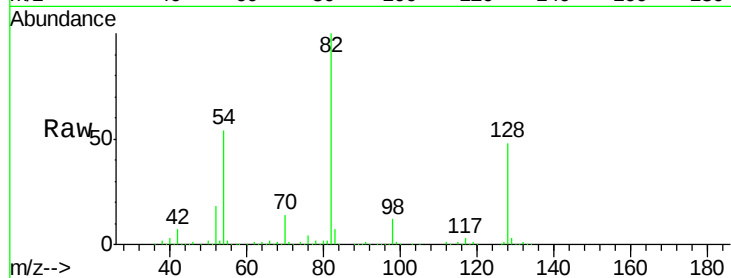




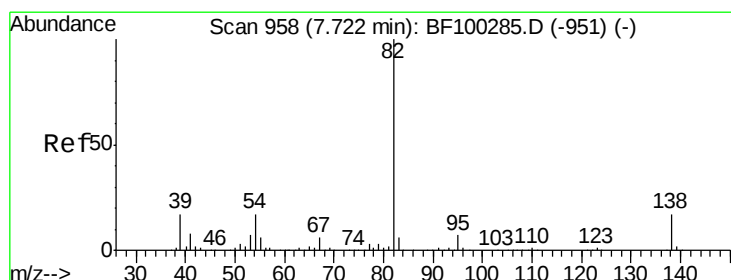
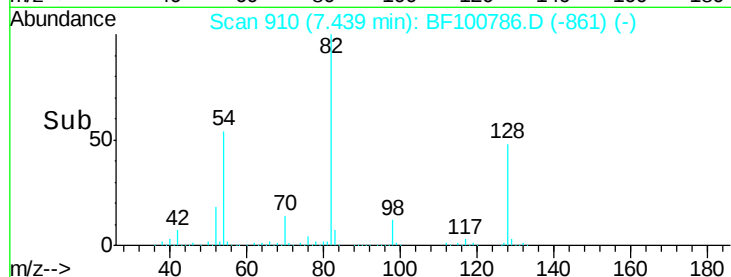
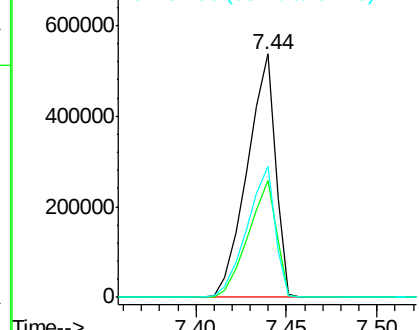
#23
Nitrobenzene-d5
Concen: 121.66 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	581779
Ion Ratio	Lower	Upper	
82	100		
128	47.8	36.1	54.1
54	54.0	41.4	62.2

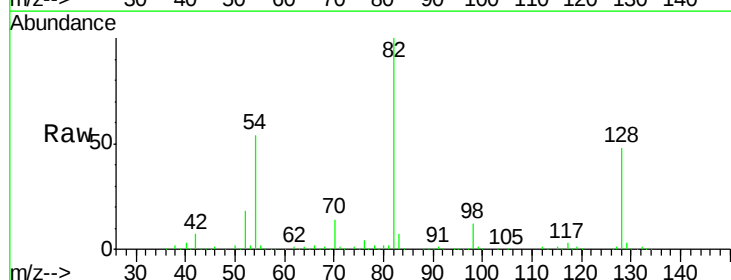


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

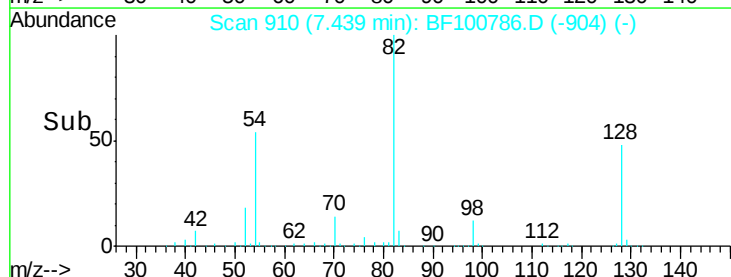
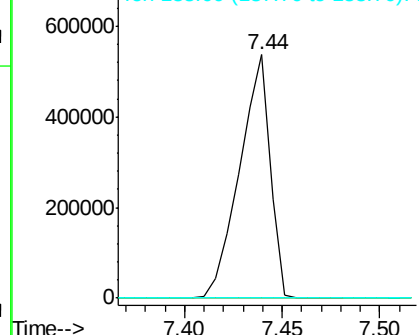


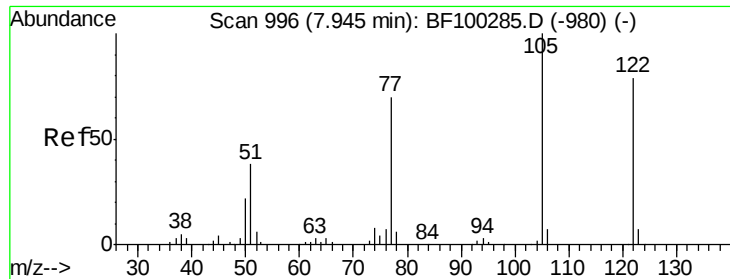
#25
Isophorone
Concen: 57.90 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Tgt Ion	82	Resp	581887
Ion Ratio	Lower	Upper	
82	100		
95	0.1	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: 15.81 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

Instrument :

BNA_F

ClientSampleId :

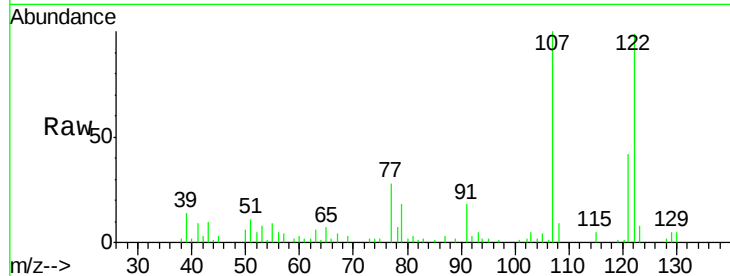
Tot Ion:122 Resp: 27613

Ion Ratio Lower Upper

122 100

105 4.1 101.1 141.1#

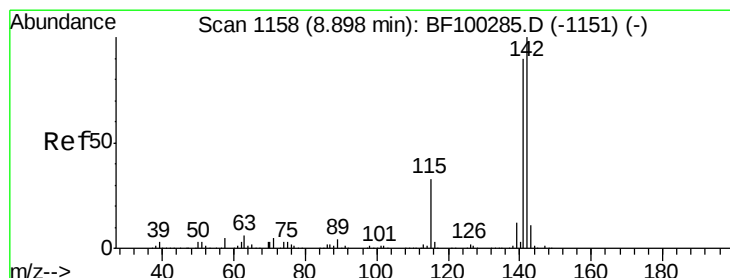
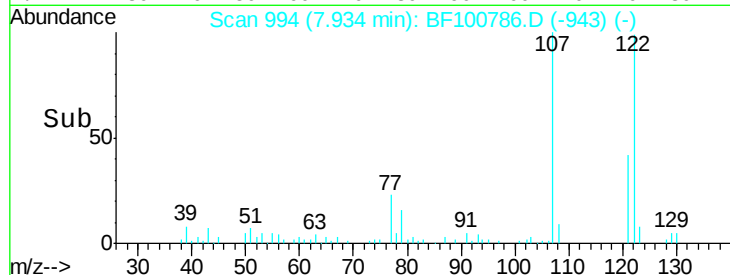
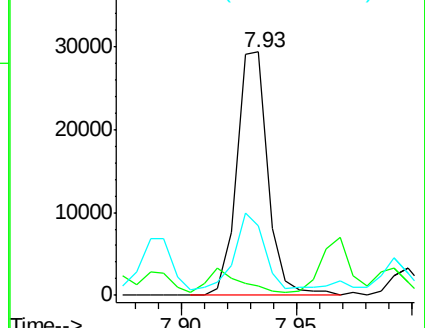
77 28.6 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#37

2-Methylnaphthalene

Concen: 4.88 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

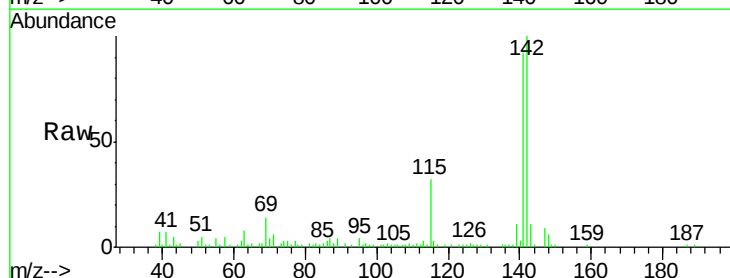
Tgt Ion:142 Resp: 49315

Ion Ratio Lower Upper

142 100

141 91.8 70.8 106.2

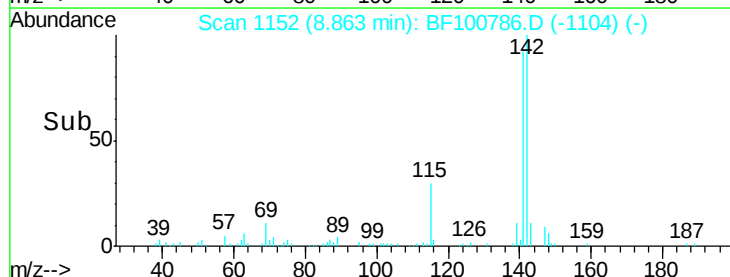
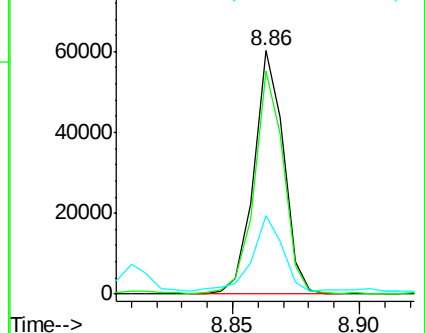
115 32.1 26.1 39.1

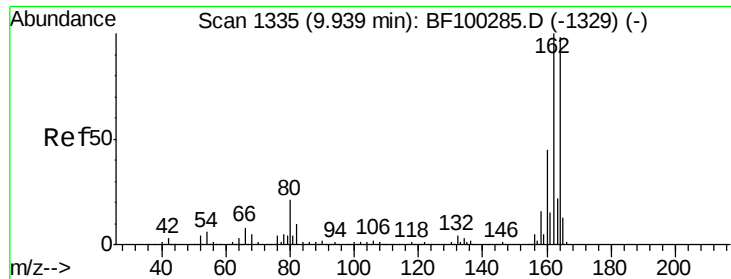


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

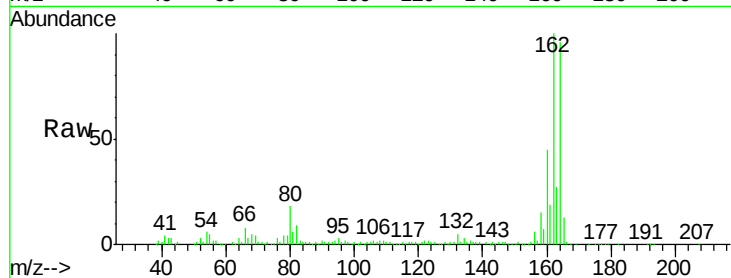




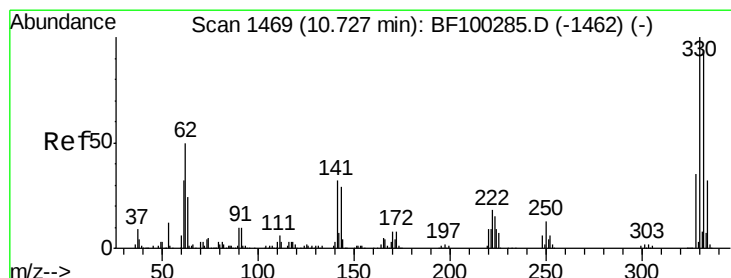
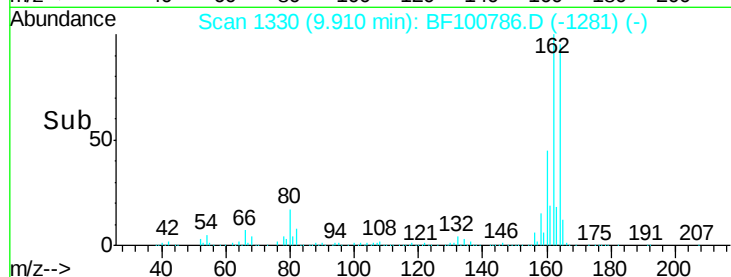
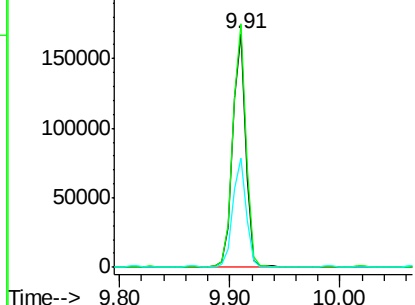
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100786.D
 Acq: 21 Nov 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 141046
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 46.8 38.3 57.5

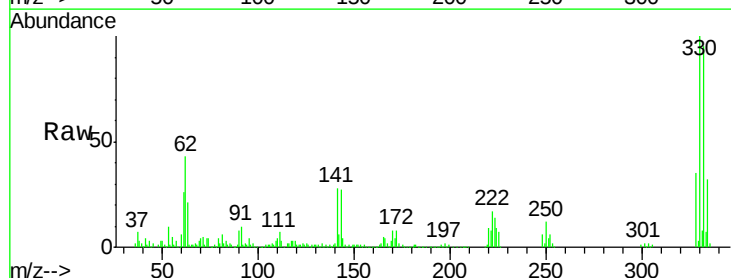


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

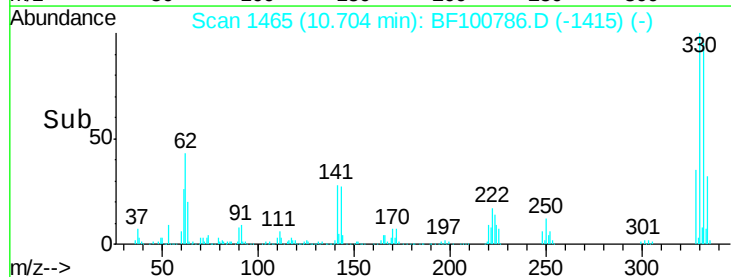
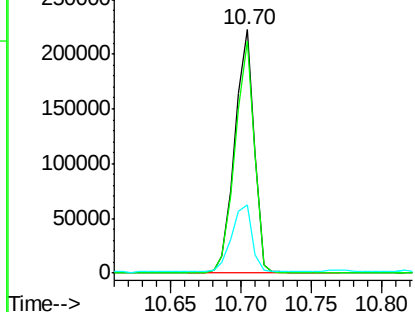


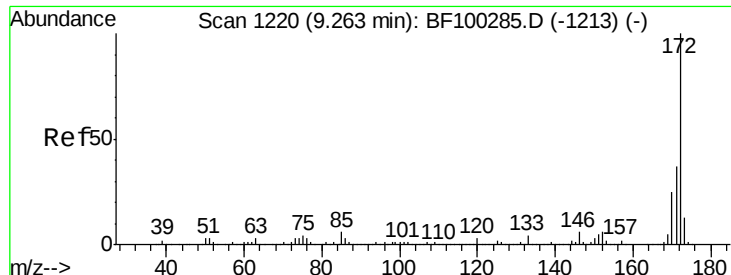
#41
 2,4,6-Tribromophenol
 Concen: 147.80 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100786.D
 Acq: 21 Nov 2017 17:52

Tgt Ion:330 Resp: 212434
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 29.7 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

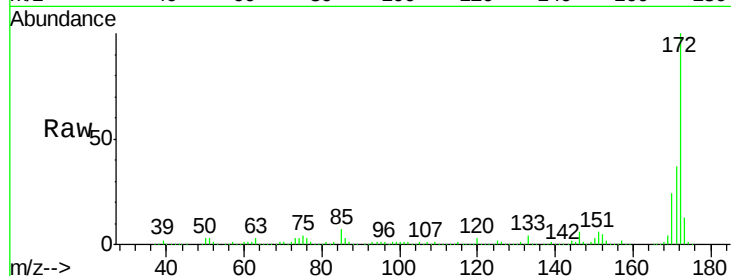




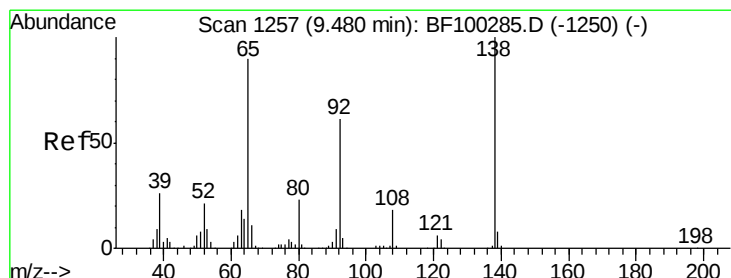
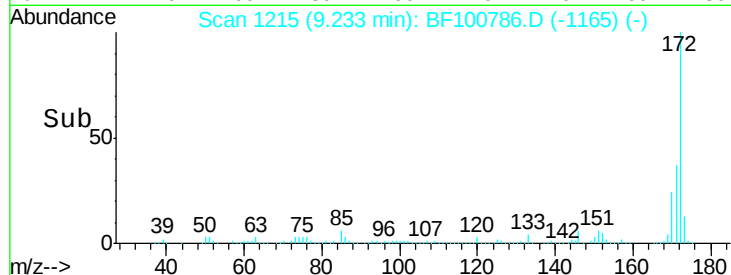
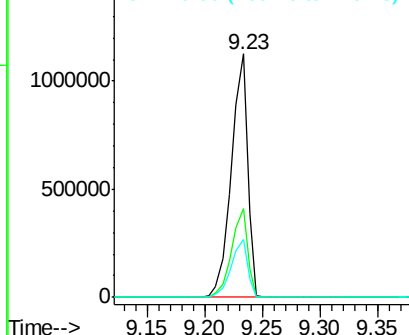
#44
2-Fluorobiphenyl
Concen: 119.36 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1105599
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 23.9 19.6 29.4

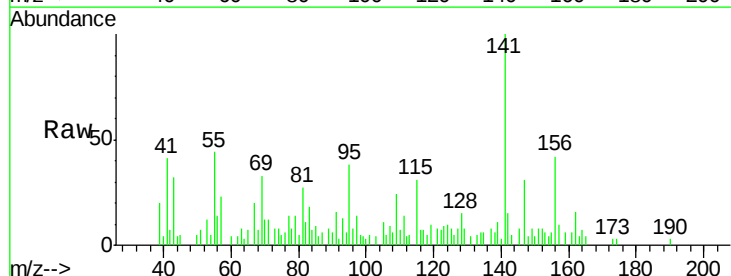


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

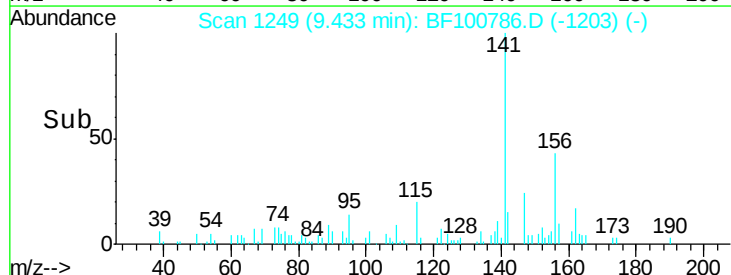
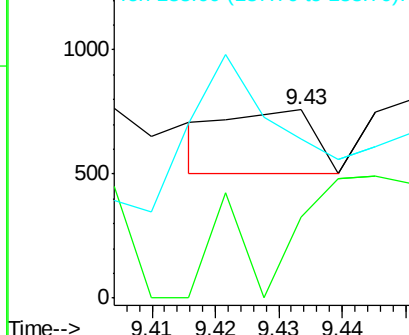


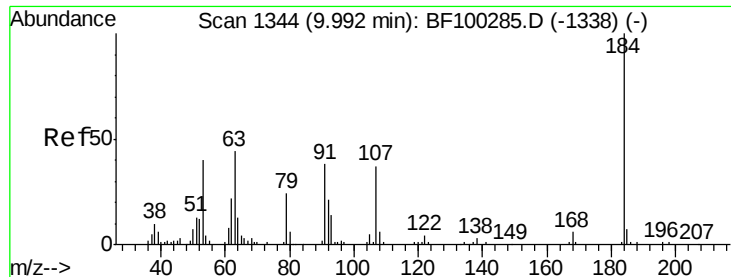
#47
2-Nitroaniline
Concen: 2.87 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.03 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Tgt Ion: 65 Resp: 250
Ion Ratio Lower Upper
65 100
92 43.3 55.8 83.6#
138 84.2 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

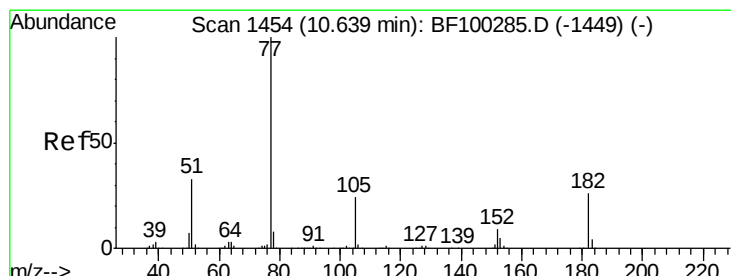
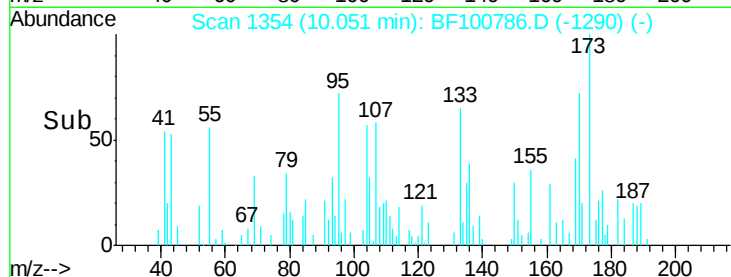
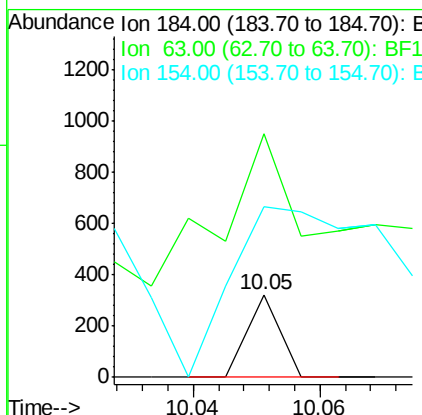
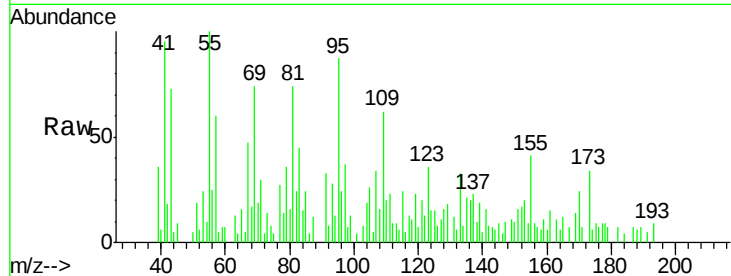




#53
2,4-Dinitrophenol
Concen: 7.98 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.08 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

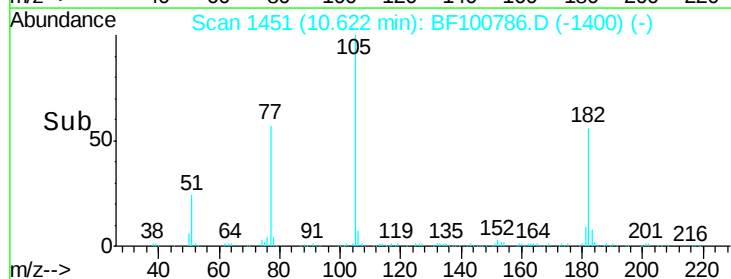
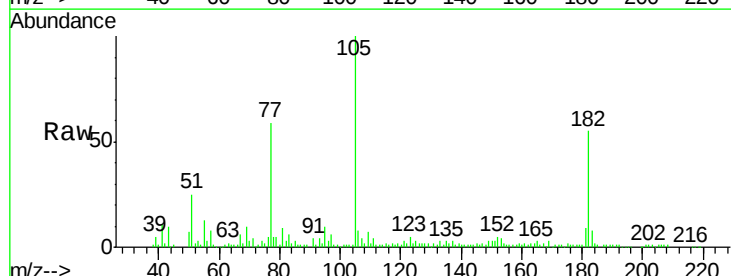
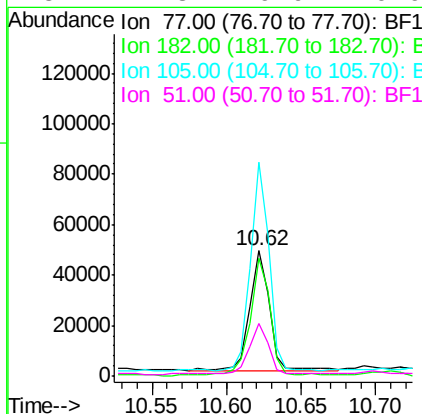
Instrument :
BNA_F
ClientSampled :

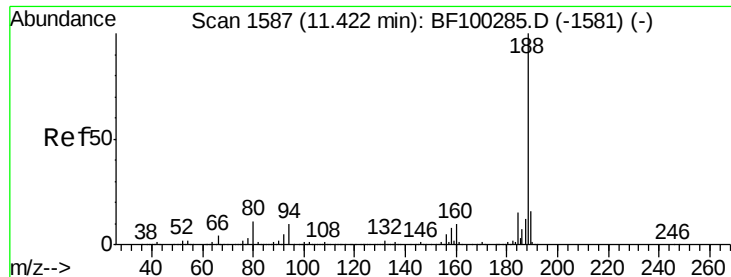
Tot Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
63 293.8 54.2 81.2#
154 206.2 184.0 276.0



#62
Azobenzene
Concen: 4.22 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Tgt Ion: 77 Resp: 42876
Ion Ratio Lower Upper
77 100
182 93.9 1.7 41.7#
105 170.9 3.0 43.0#
51 42.3 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

Instrument :

BNA_F

ClientSampleId :

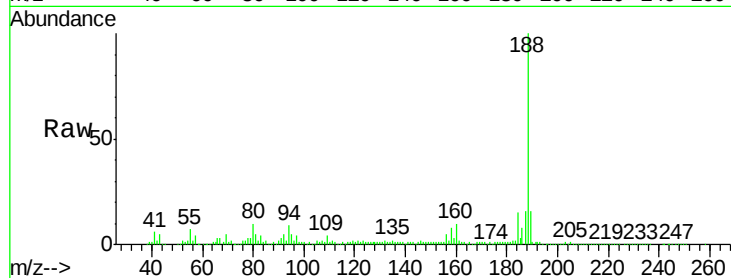
Tot Ion:188 Resp: 226821

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

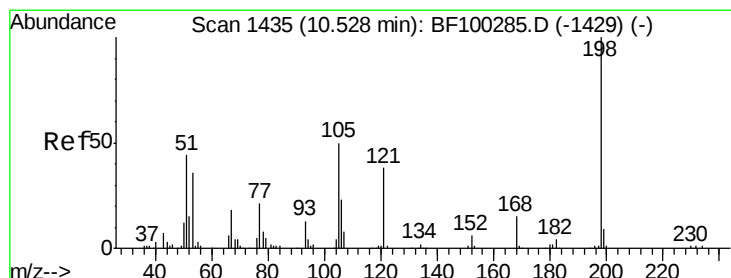
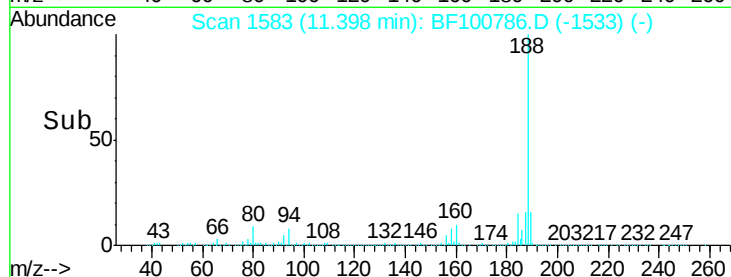
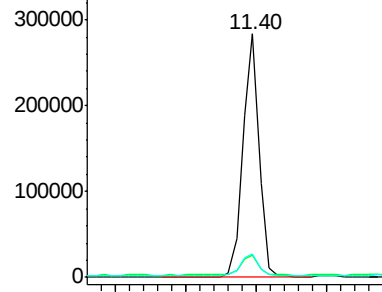
80 9.8 9.2 13.8



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: 8.65 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.05 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

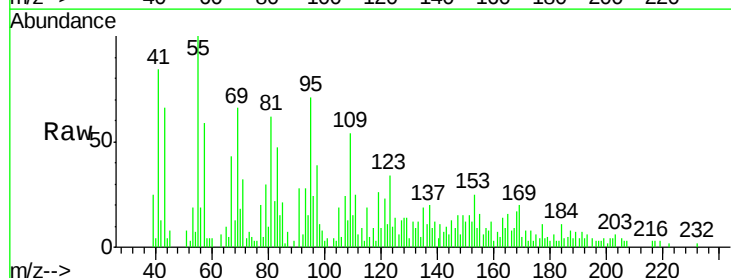
Tgt Ion:198 Resp: 118

Ion Ratio Lower Upper

198 100

51 282.1 37.7 77.7#

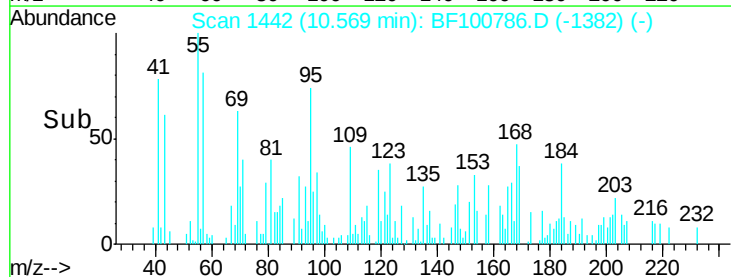
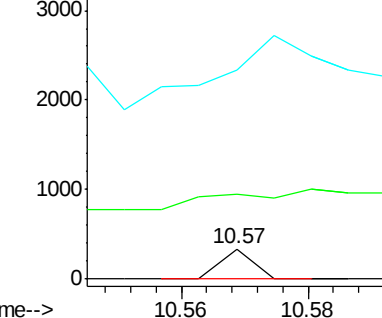
105 697.6 36.3 76.3#

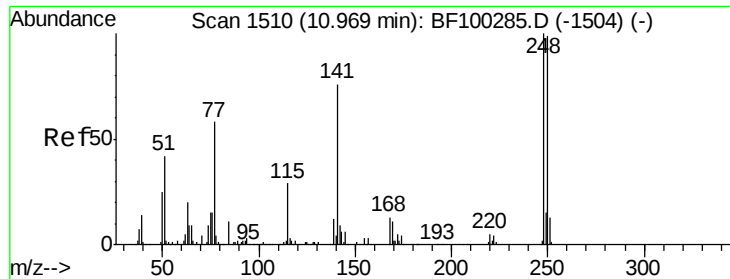


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

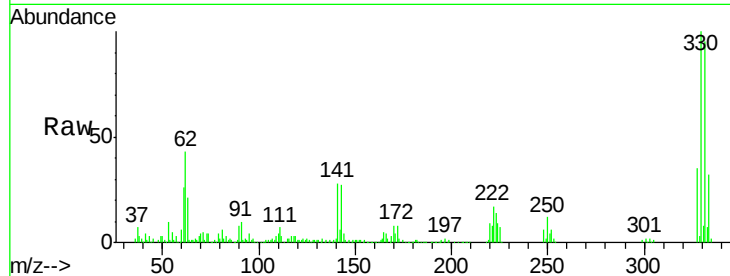




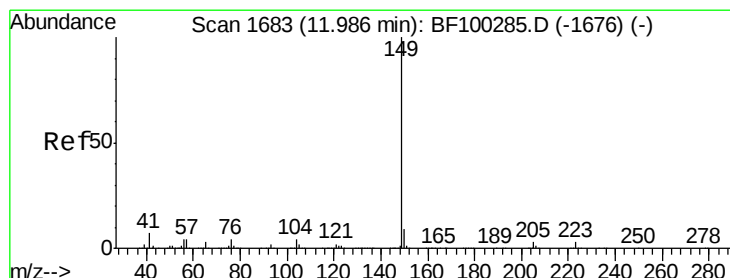
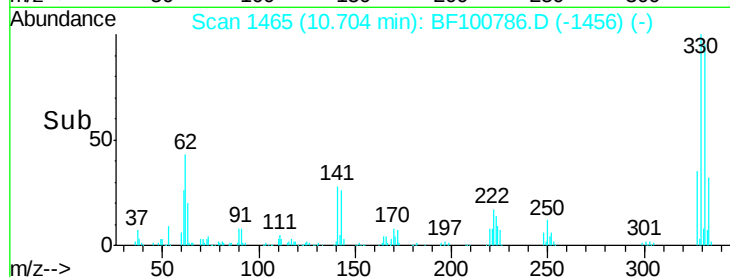
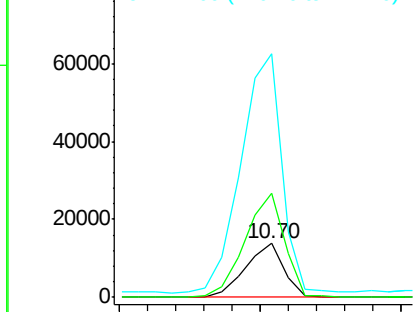
#66
4-Bromophenyl-phenylether
Concen: 5.30 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12893
Ion Ratio Lower Upper
248 100
250 194.0 76.9 115.3#
141 451.6 74.4 111.6#

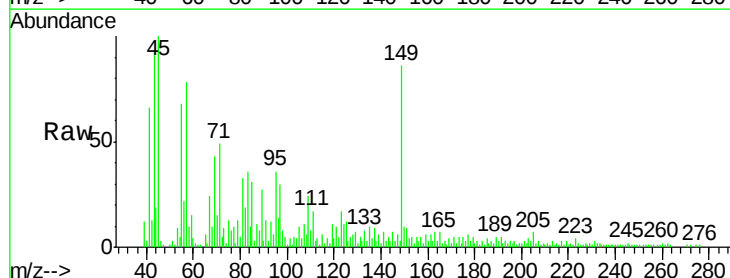


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

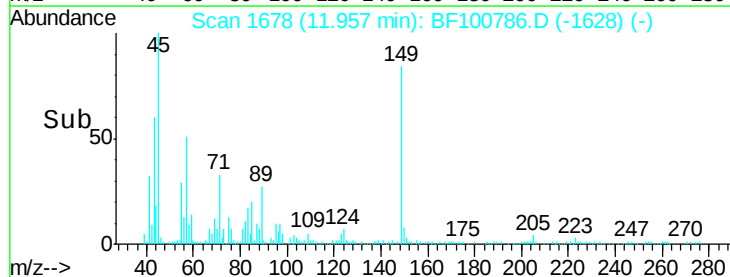
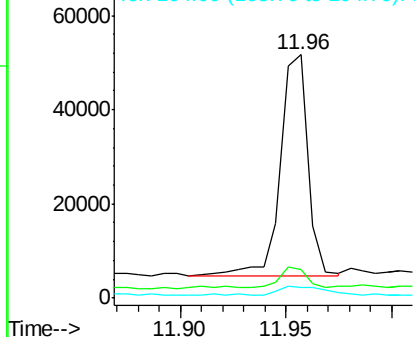


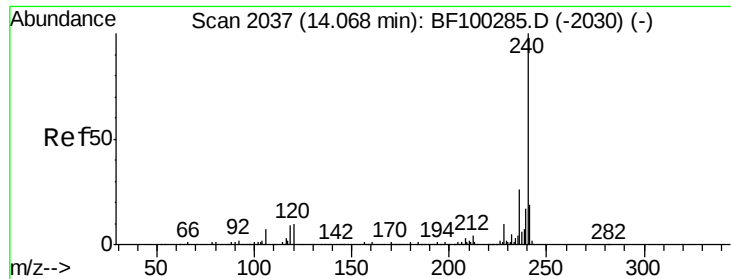
#73
Di-n-butylphthalate
Concen: 3.26 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Tgt Ion:149 Resp: 42695
Ion Ratio Lower Upper
149 100
150 11.6 7.8 11.6
104 4.5 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: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100786.D

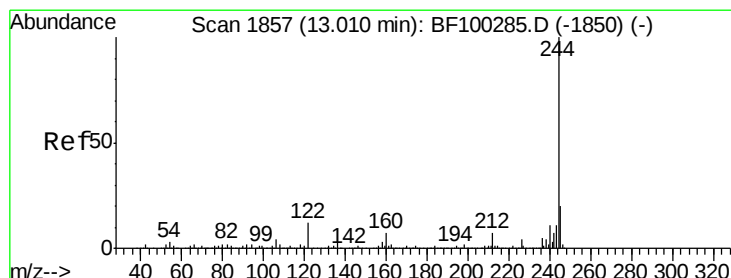
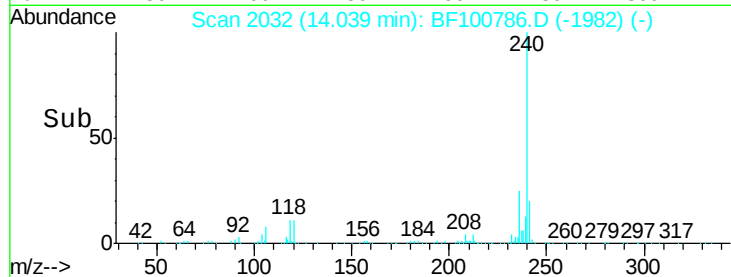
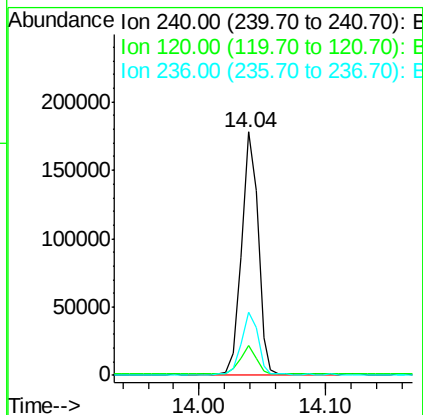
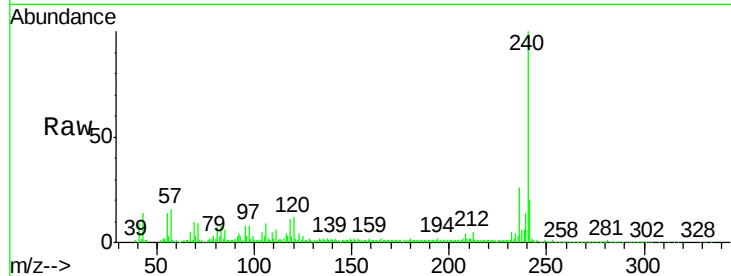
Acq: 21 Nov 2017 17:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240	Resp:	159480
Ion Ratio	Lower	Upper
240	100	
120	12.2	9.5 14.3
236	25.8	20.7 31.1



#78

Terphenyl-d14

Concen: 102.44 ng

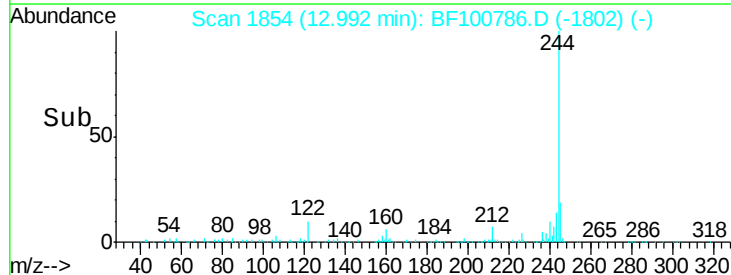
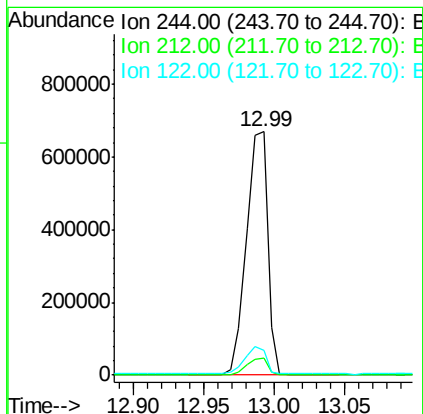
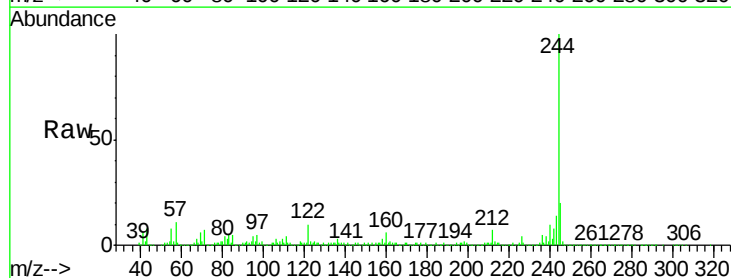
RT: 12.99 min Scan# 1854

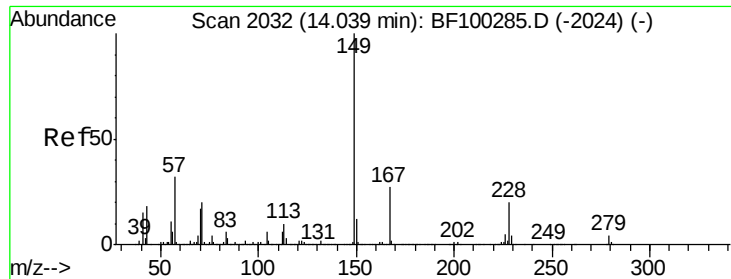
Delta R.T. 0.01 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

Tgt Ion:244	Resp:	710987
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.4 8.0
122	10.1	11.0 16.4

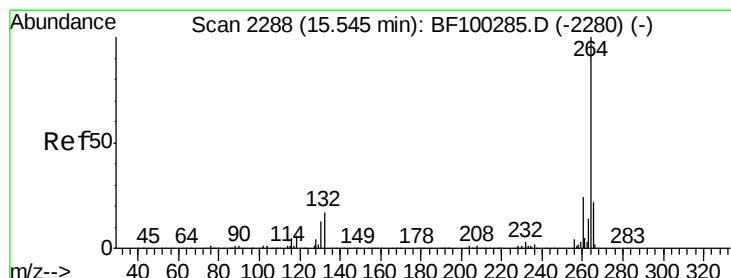
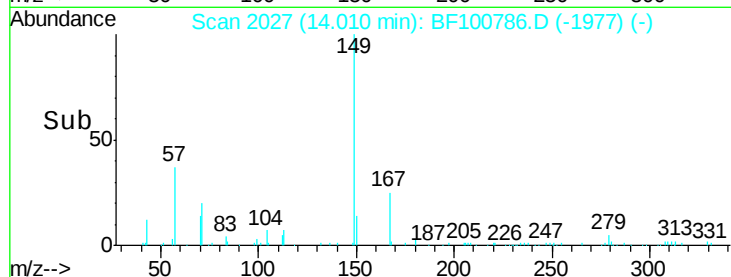
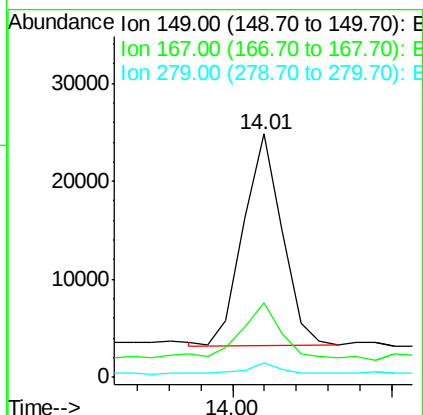
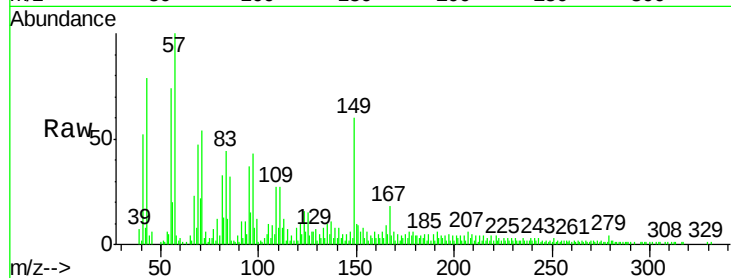




#83
Bis(2-ethylhexyl)phthalate
Concen: 3.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 18313
Ion Ratio Lower Upper
149 100
167 30.5 21.3 31.9
279 6.0 3.0 4.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Tgt Ion:264 Resp: 189652
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.3 17.5 26.3

