

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100788.D
 Acq On : 21 Nov 2017 18:46
 Operator : SJ/JU
 Sample : I6499-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 04:14:08 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

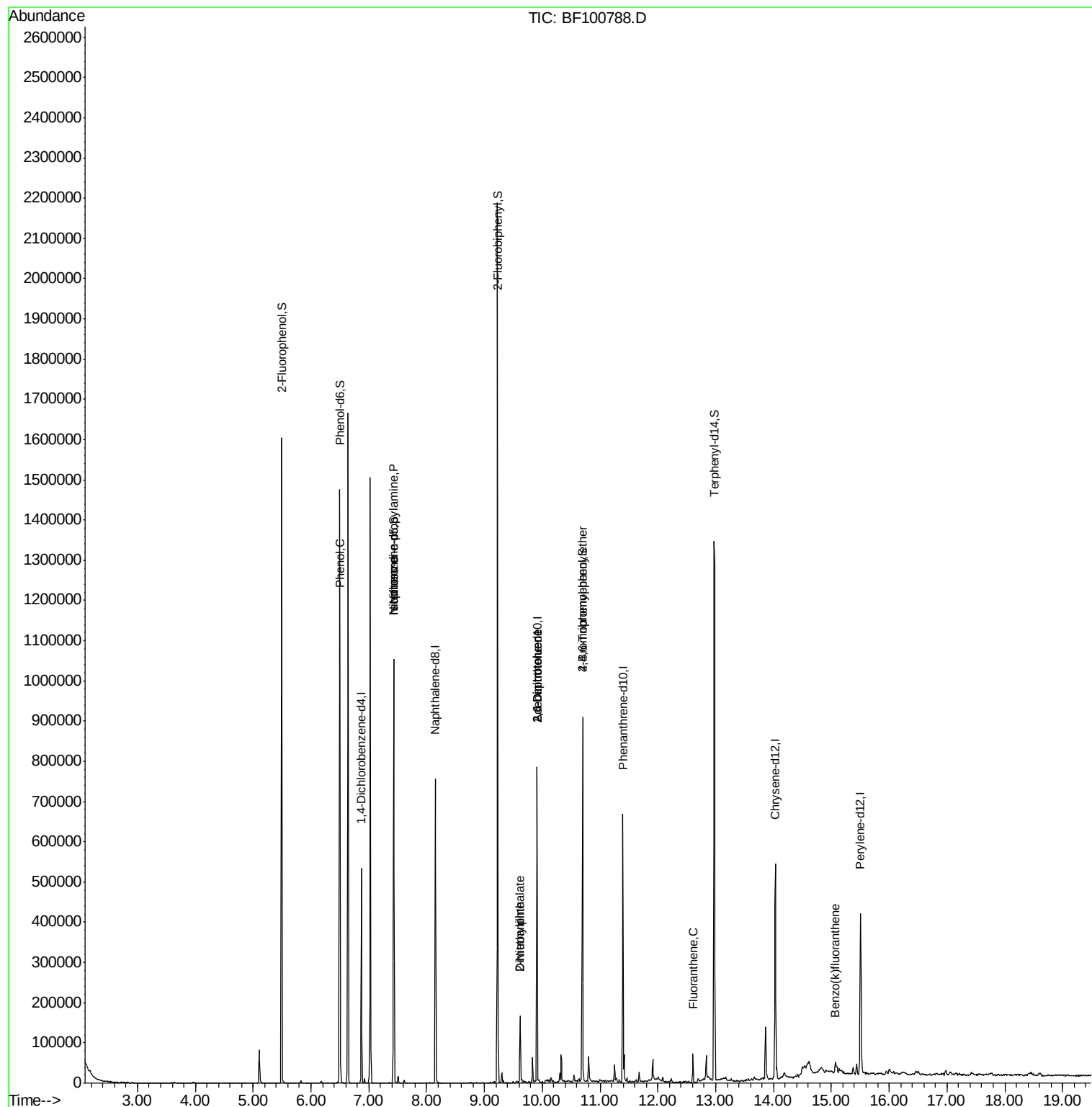
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	83247	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	330437	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	148125	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	251112	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	173080	20.00	ng	-0.01
86) Perylene-d12	15.50	264	196573	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	445973	85.88	ng	0.00
7) Phenol-d6	6.50	99	537577	83.94	ng	-0.01
23) Nitrobenzene-d5	7.43	82	327249	65.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	119307	79.04	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	682656	70.18	ng	-0.01
78) Terphenyl-d14	12.98	244	490964	65.18	ng	0.00
Target Compounds						
10) Phenol	6.51	94	30853	4.59	ng	99
19) n-Nitroso-di-n-propylamine	7.43	70	42743	9.62	ng	# 78
25) Isophorone	7.43	82	327245	31.16	ng	# 64
47) 2-Nitroaniline	9.62	65	401	2.92	ng	# 1
49) Dimethylphthalate	9.62	163	63850	5.65	ng	99
50) 2,6-Dinitrotoluene	9.91	165	18791	8.39	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	18791	6.65	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	7576	2.81	ng	# 1
74) Fluoranthene	12.60	202	28176	2.01	ng	96
88) Benzo(k)fluoranthene	15.07	252	22718	2.06	ng	97

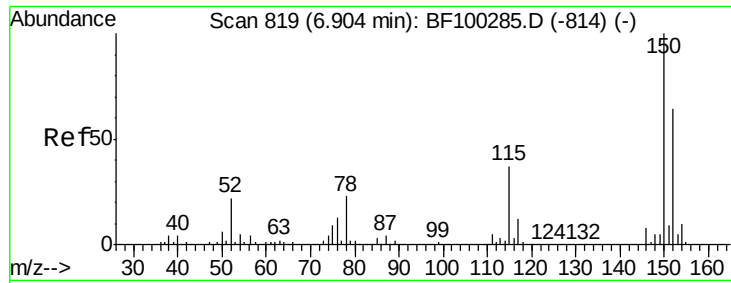
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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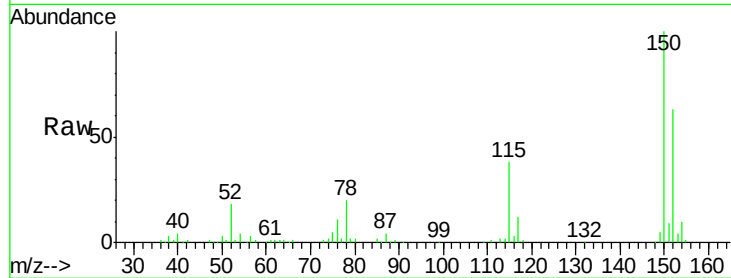


#1

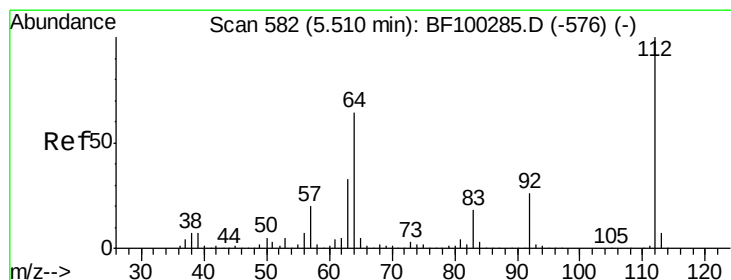
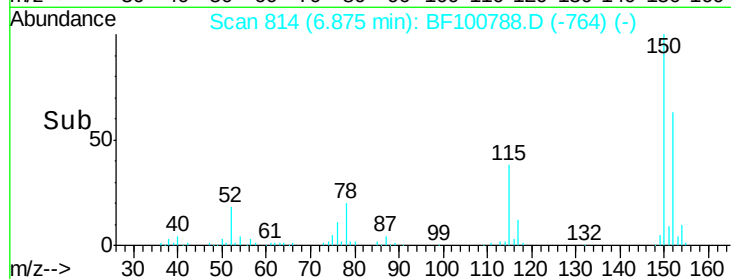
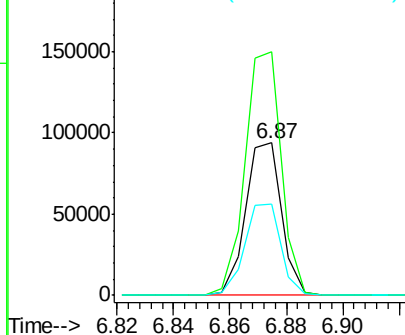
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	60.0	50.1	75.1



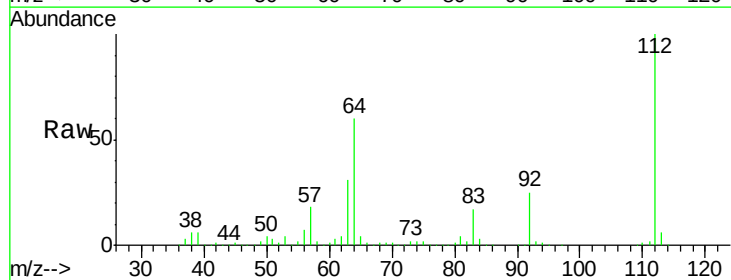
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



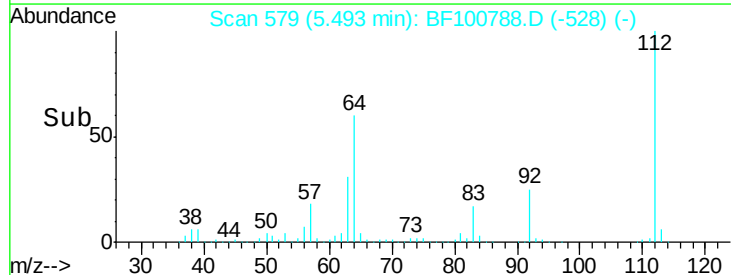
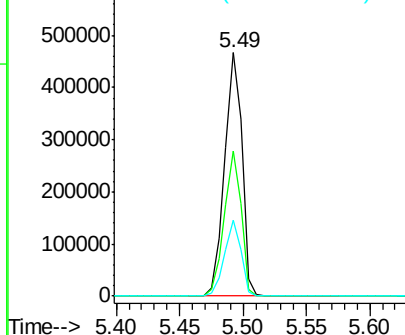
#5

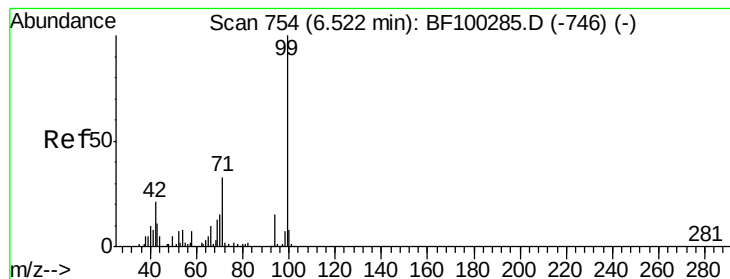
2-Fluorophenol
Concen: 85.88 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	31.0	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: 83.94 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100788.D

Acq: 21 Nov 2017 18:46

Instrument :

BNA_F

ClientSampled :

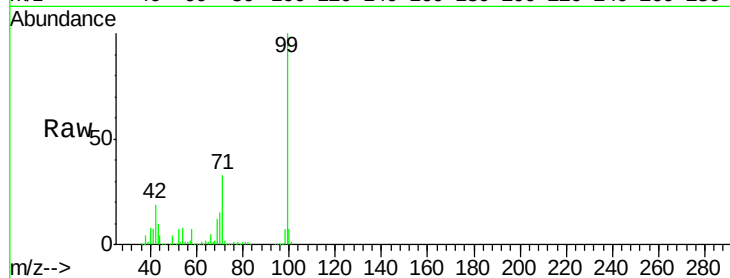
Tot Ion: 99 Resp: 537577

Ion Ratio Lower Upper

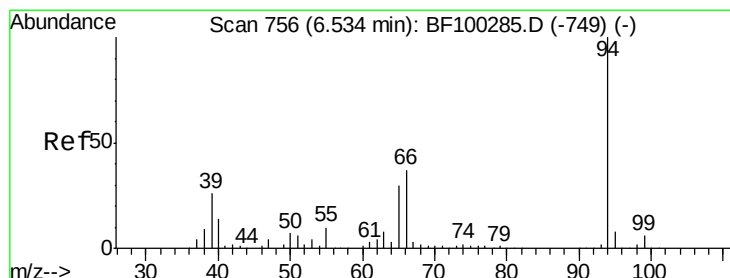
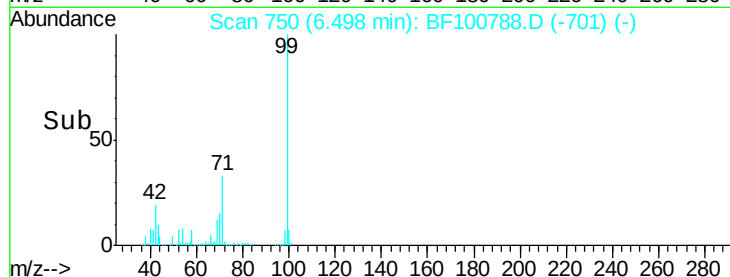
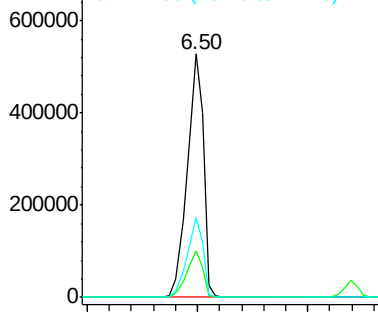
99 100

42 18.8 14.5 21.7

71 32.9 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



#10

Phenol

Concen: 4.59 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100788.D

Acq: 21 Nov 2017 18:46

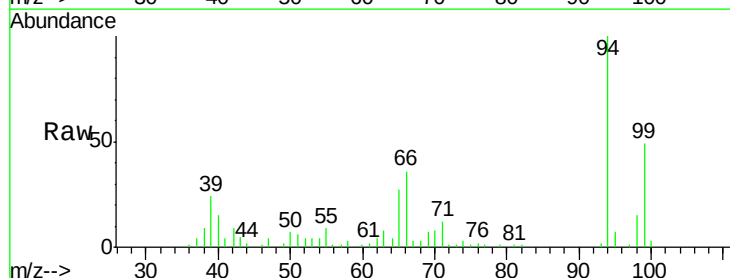
Tgt Ion: 94 Resp: 30853

Ion Ratio Lower Upper

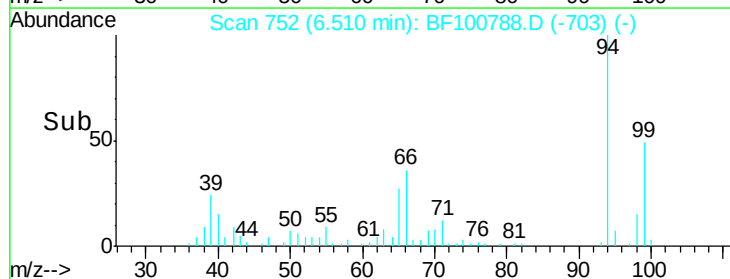
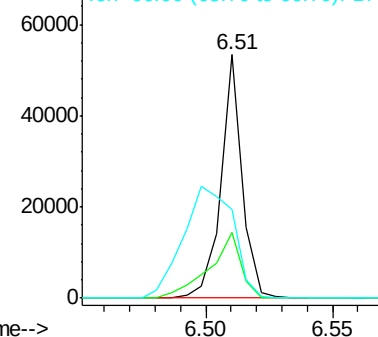
94 100

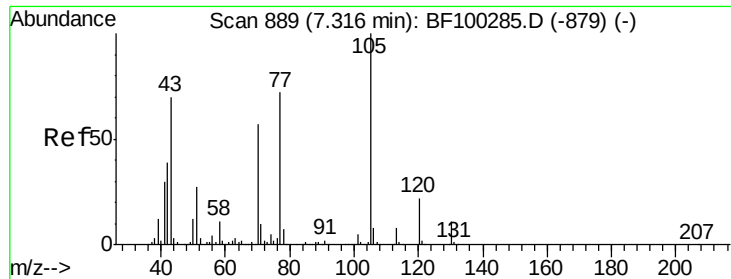
65 27.2 7.9 47.9

66 36.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

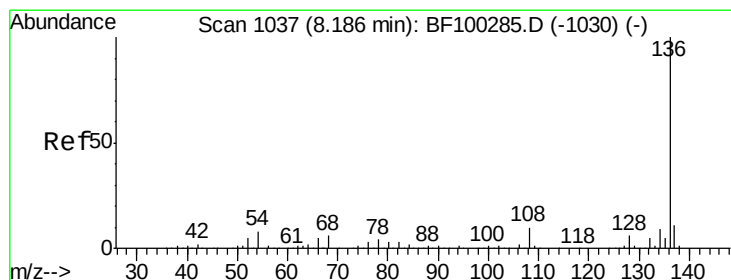
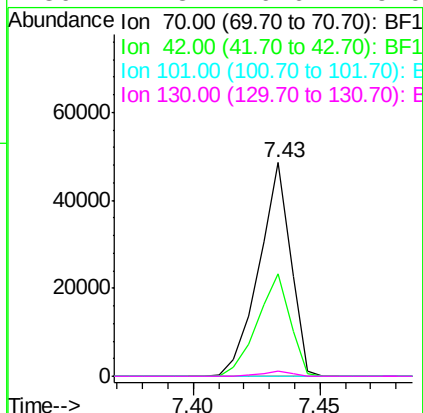
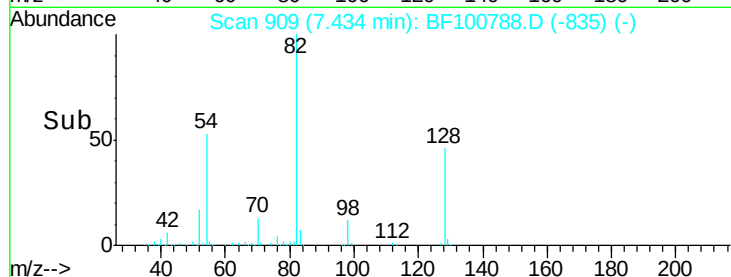
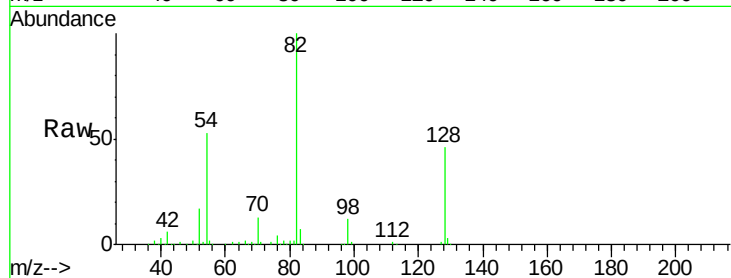




#19
n-Nitroso-di-n-propylamine
Concen: 9.62 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

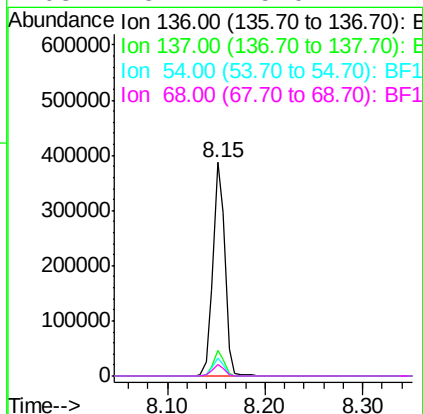
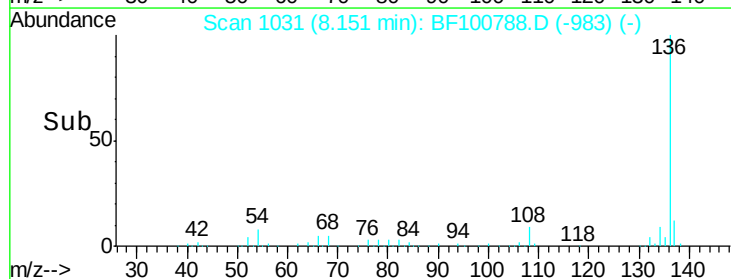
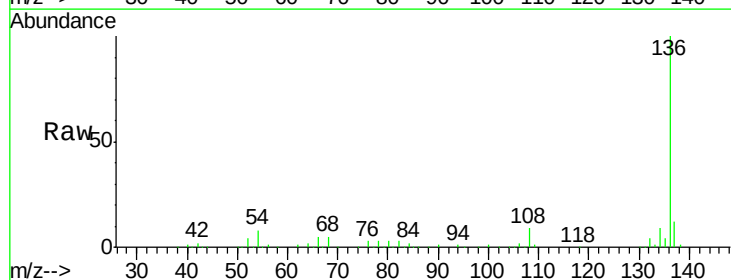
Instrument :
BNA_F
ClientSampleId :

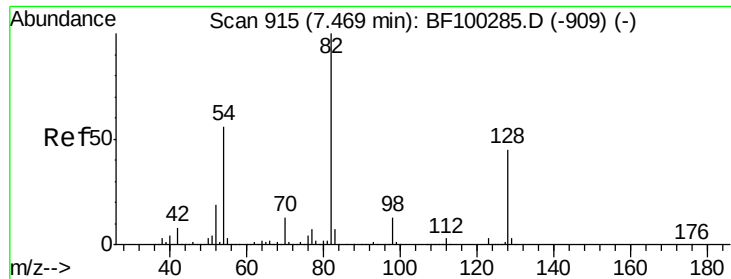
Tot Ion: 70 Resp: 42743
Ion Ratio Lower Upper
70 100
42 47.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Tgt Ion: 136 Resp: 330437
Ion Ratio Lower Upper
136 100
137 11.8 8.9 13.3
54 8.4 6.6 9.8
68 5.4 5.0 7.4

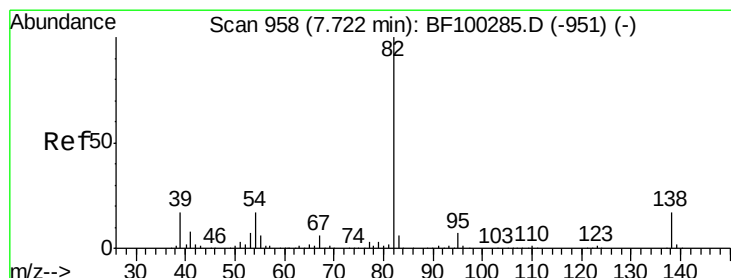
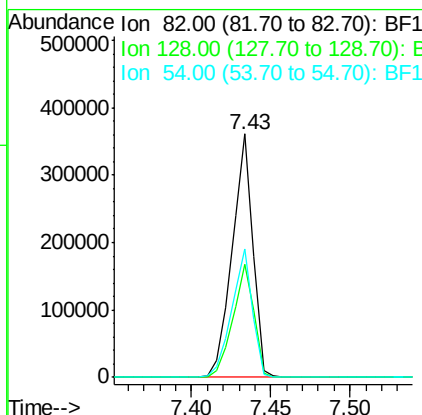
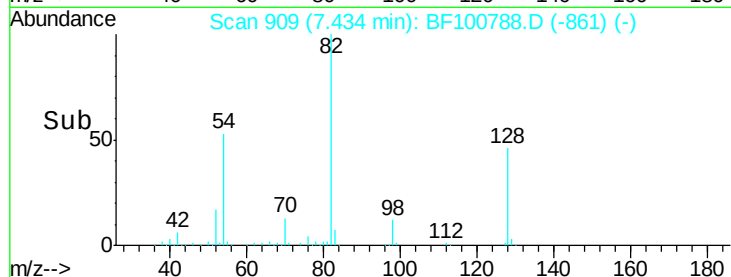
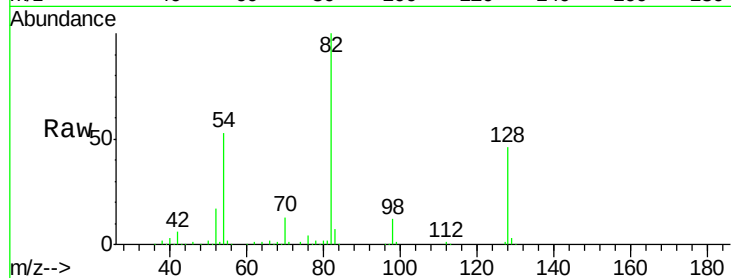




#23
Nitrobenzene-d5
Concen: 65.48 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

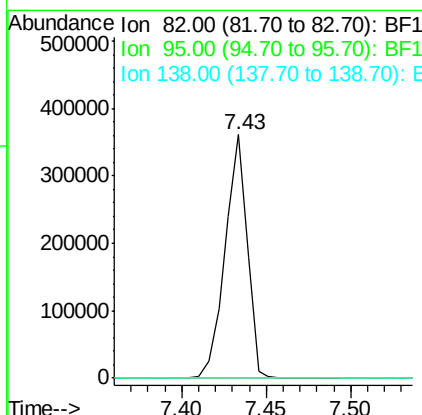
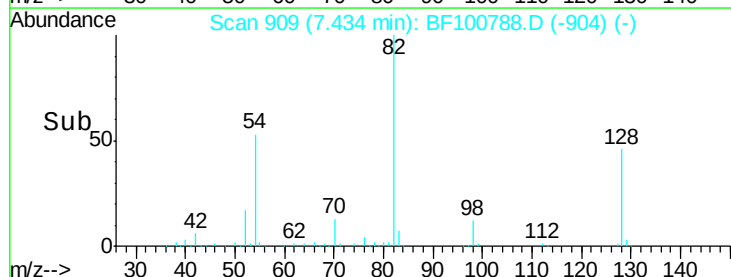
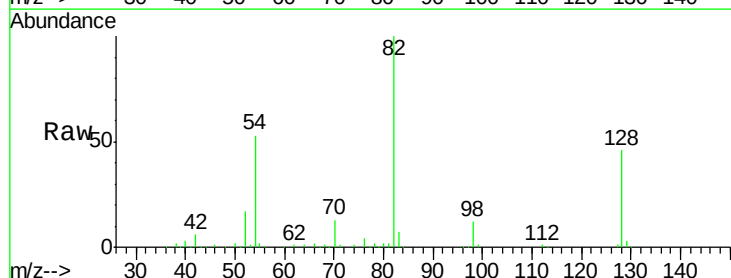
Instrument :
BNA_F
ClientSampled :

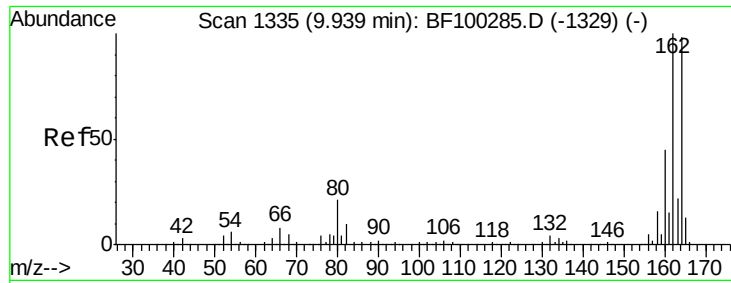
Tot Ion	82	Resp	327249
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.1	54.1
54	52.8	41.4	62.2



#25
Isophorone
Concen: 31.16 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Tgt Ion	82	Resp	327245
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

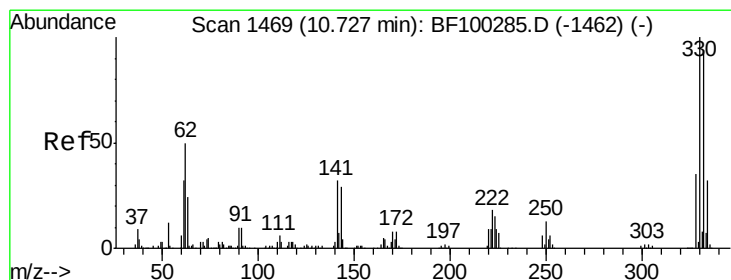
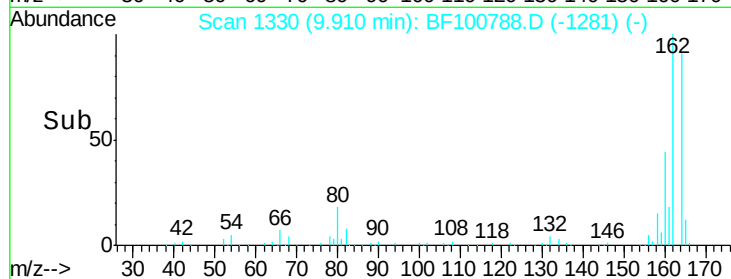
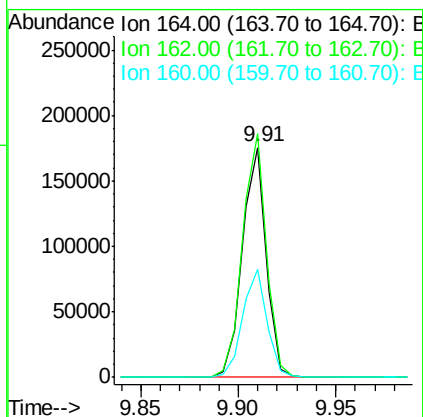
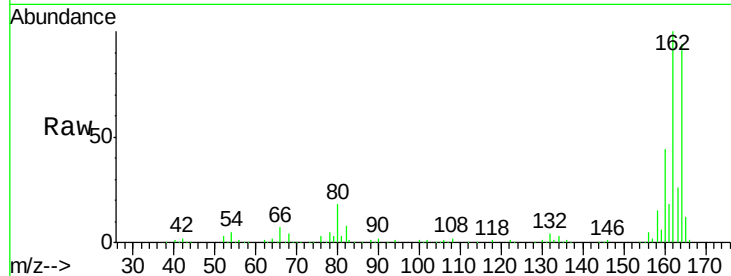




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100788.D
 Acq: 21 Nov 2017 18:46

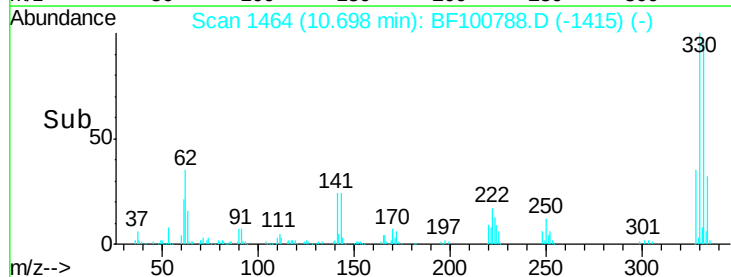
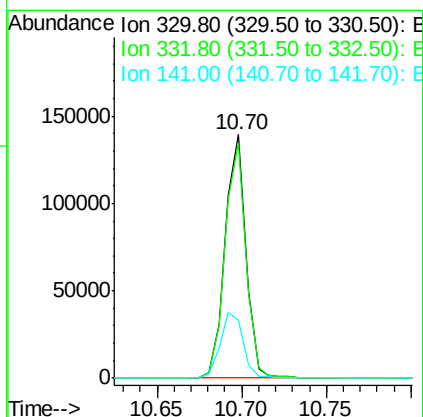
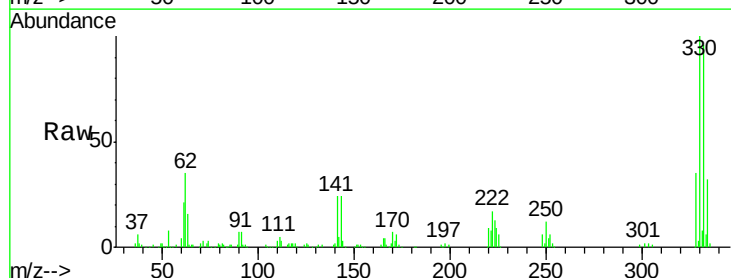
Instrument :
 BNA_F
 ClientSampled :

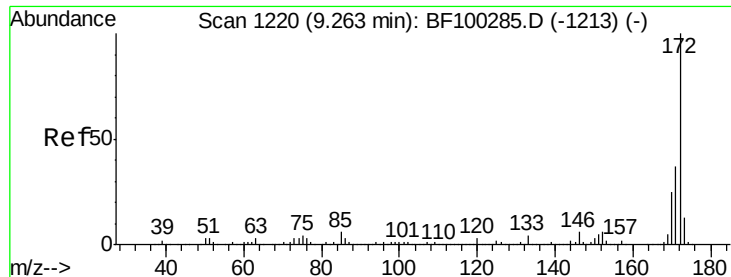
Tot Ion:164 Resp: 148125
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 46.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 79.04 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100788.D
 Acq: 21 Nov 2017 18:46

Tgt Ion:330 Resp: 119307
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 29.6 29.9 44.9#

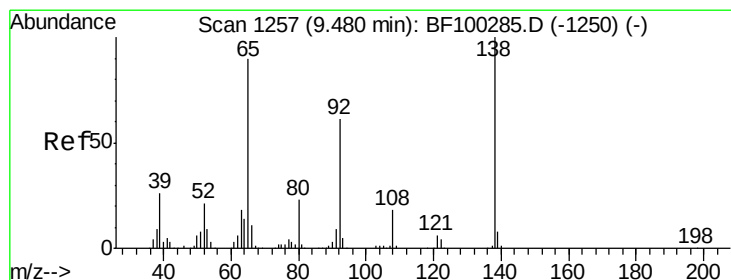
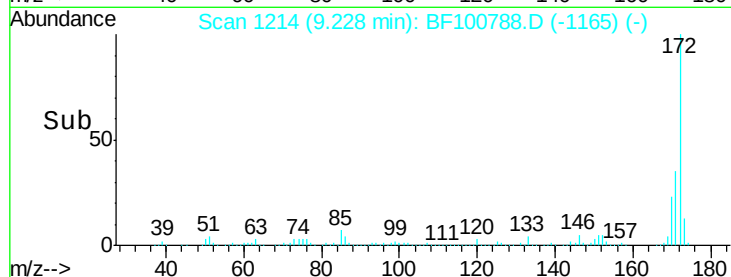
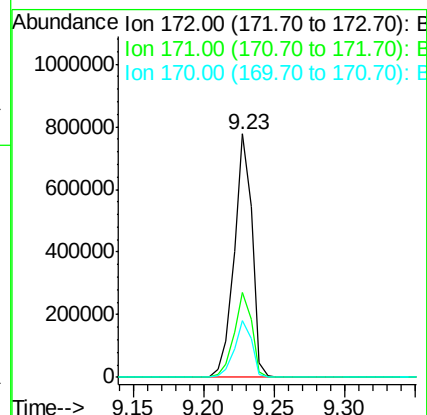
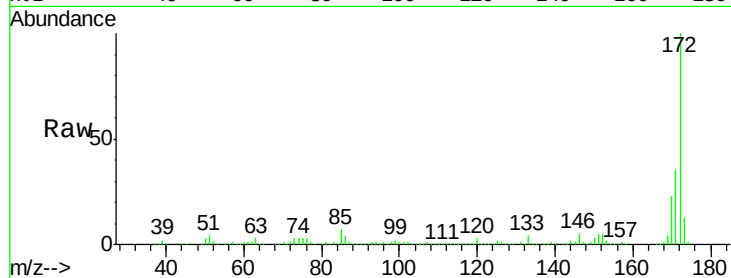




#44
2-Fluorobiphenyl
Concen: 70.18 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

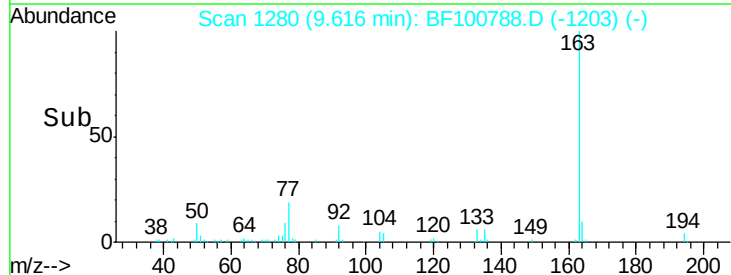
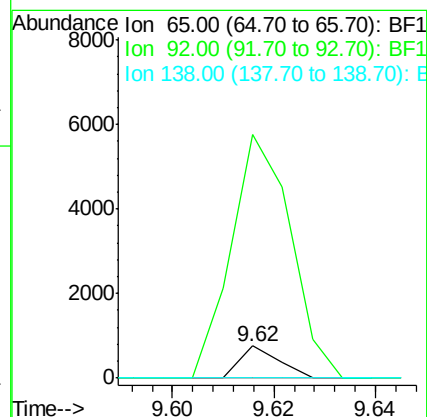
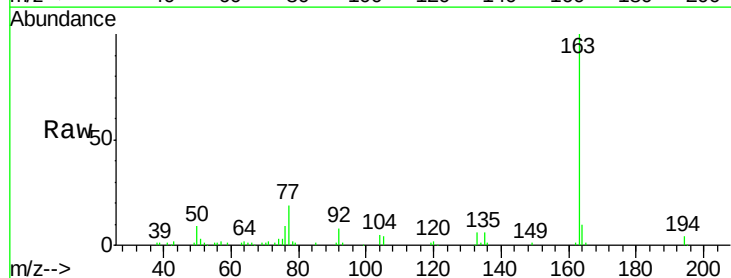
Instrument :
BNA_F
ClientSampled :

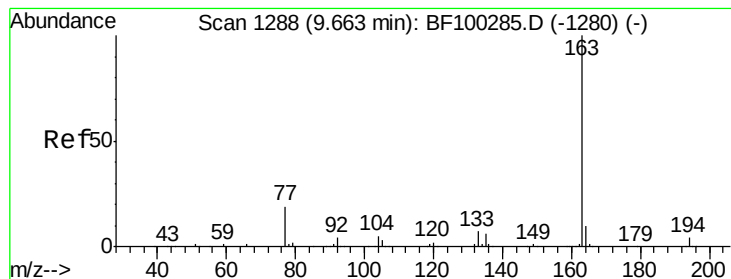
Tot Ion:172 Resp: 682656
Ion Ratio Lower Upper
172 100
171 35.0 29.7 44.5
170 23.5 19.6 29.4



#47
2-Nitroaniline
Concen: 2.92 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.15 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Tgt Ion: 65 Resp: 401
Ion Ratio Lower Upper
65 100
92 764.1 55.8 83.6#
138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 5.65 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF100788.D

Acq: 21 Nov 2017 18:46

Instrument :

BNA_F

ClientSampleId :

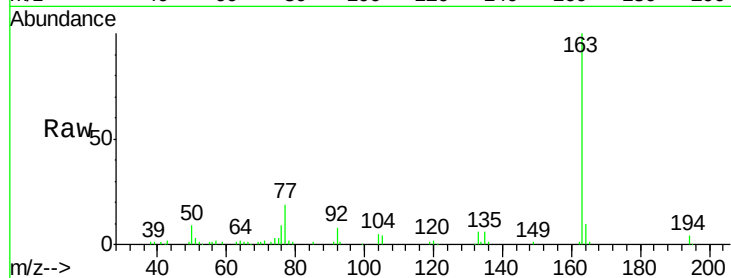
Tot Ion:163 Resp: 63850

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

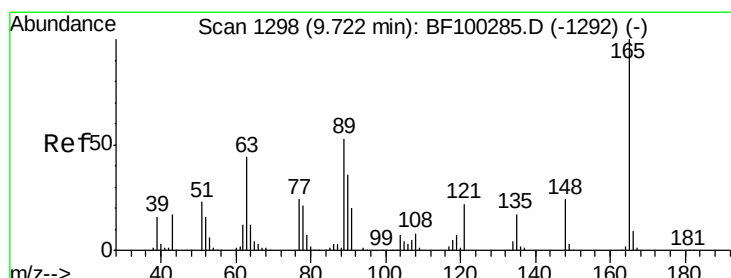
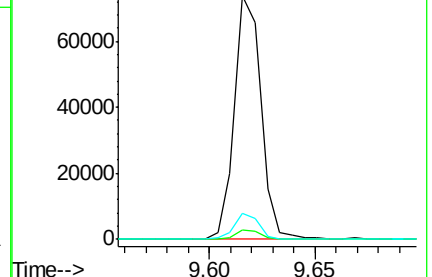
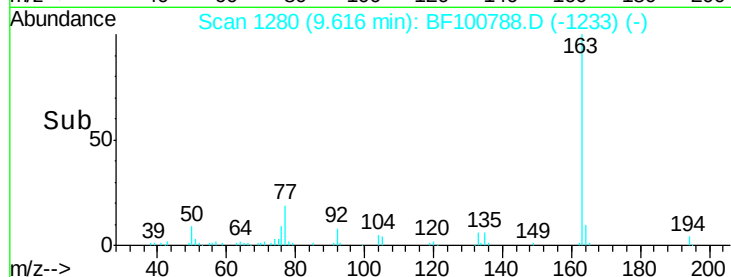
164 10.5 8.2 12.2



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: 8.39 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.21 min

Lab File: BF100788.D

Acq: 21 Nov 2017 18:46

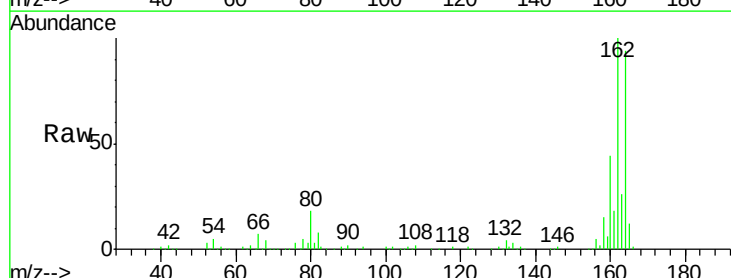
Tgt Ion:165 Resp: 18791

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

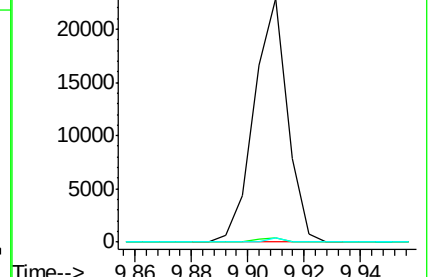
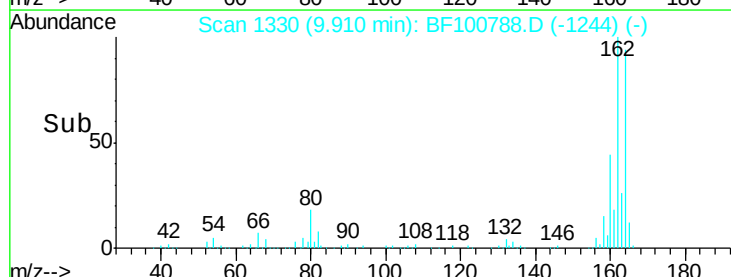
89 1.6 44.0 66.0#

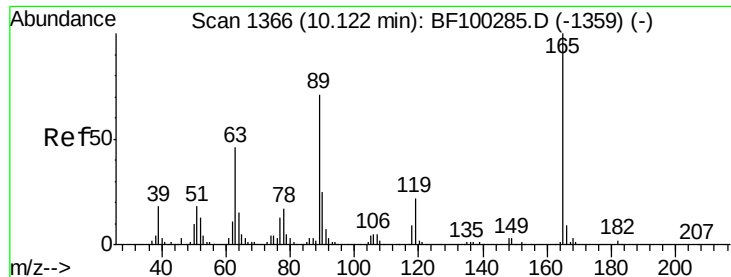


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

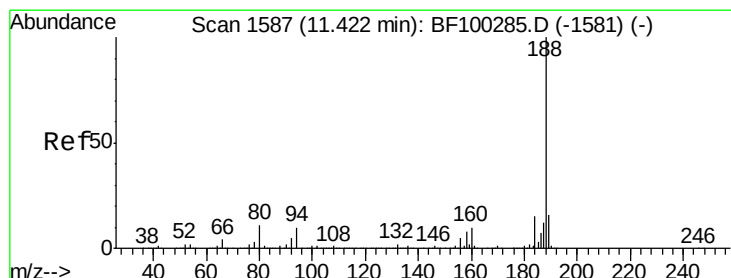
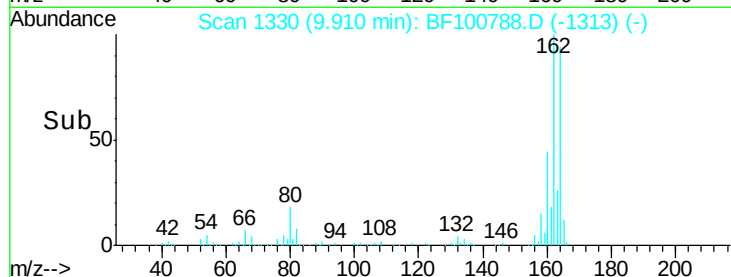
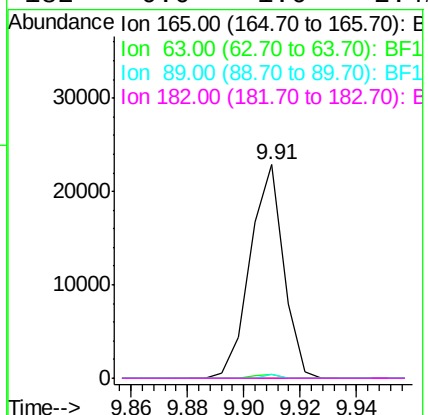
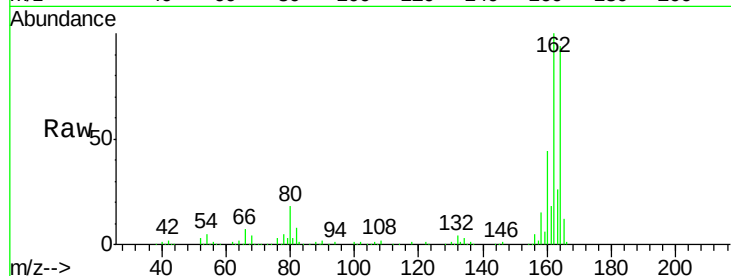




#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

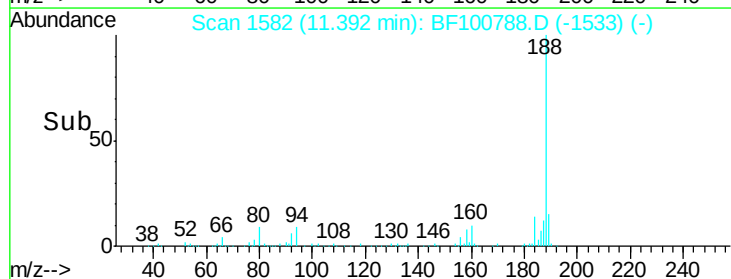
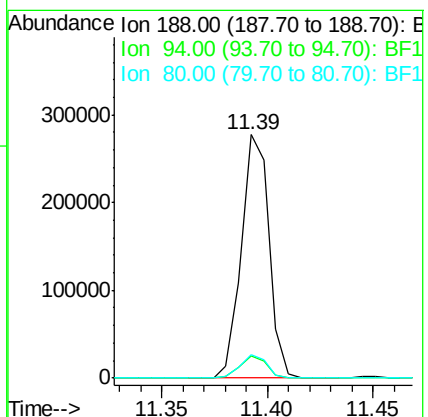
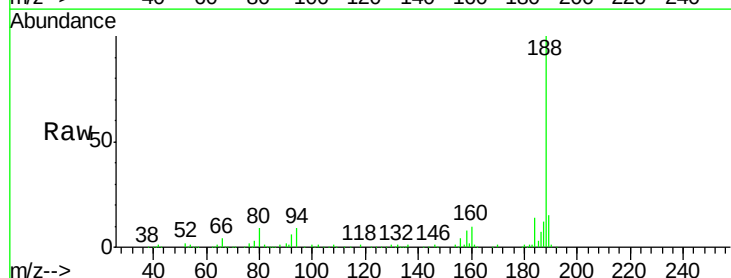
Instrument :
BNA_F
ClientSampleId :

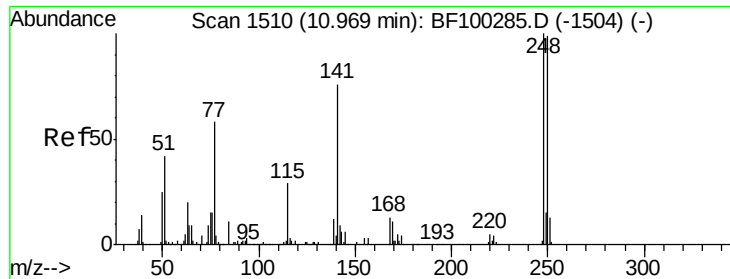
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.5	9.2	13.8

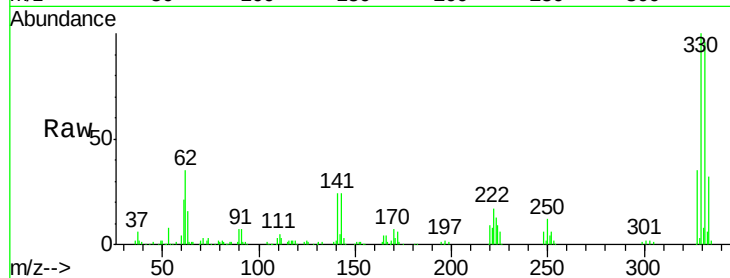




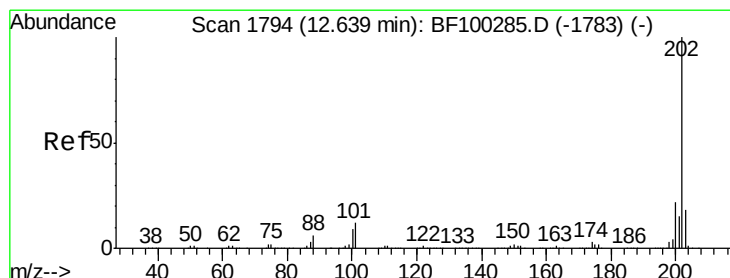
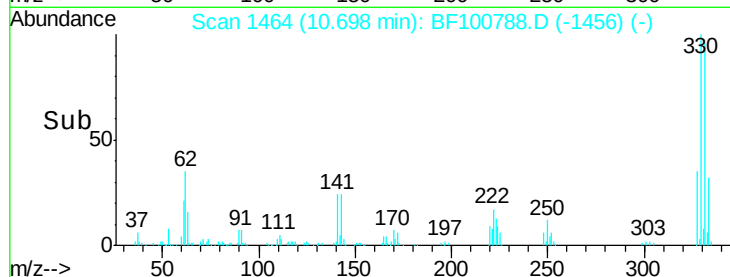
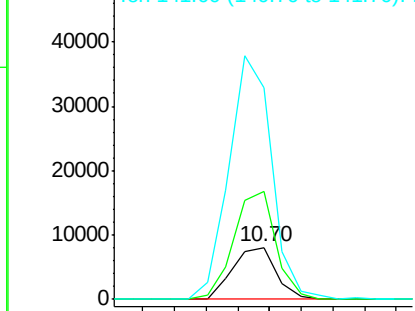
#66
4-Bromophenyl-phenylether
Concen: 2.81 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7576
Ion Ratio Lower Upper
248 100
250 206.1 76.9 115.3#
141 407.2 74.4 111.6#

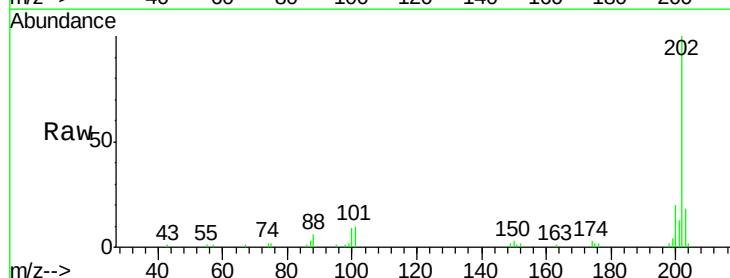


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

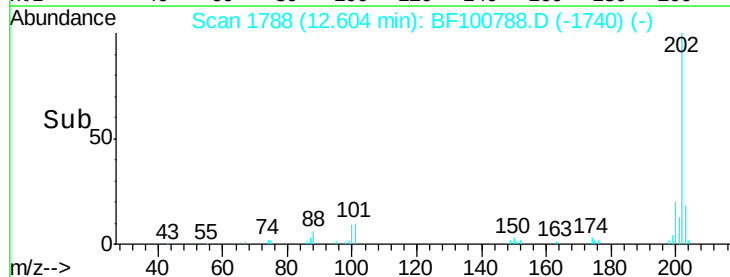
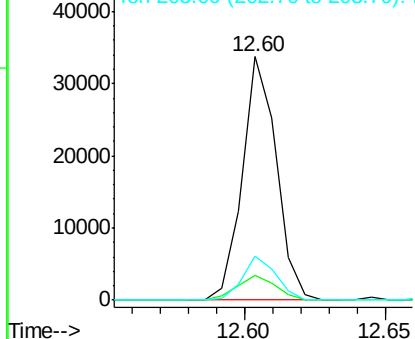


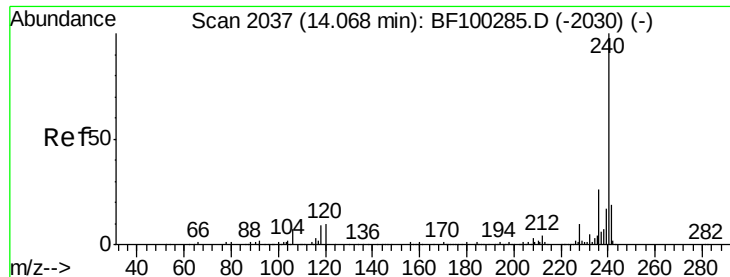
#74
Fluoranthene
Concen: 2.01 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Tgt Ion:202 Resp: 28176
Ion Ratio Lower Upper
202 100
101 10.3 0.0 34.1
203 18.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100788.D

Acq: 21 Nov 2017 18:46

Instrument :

BNA_F

ClientSampleId :

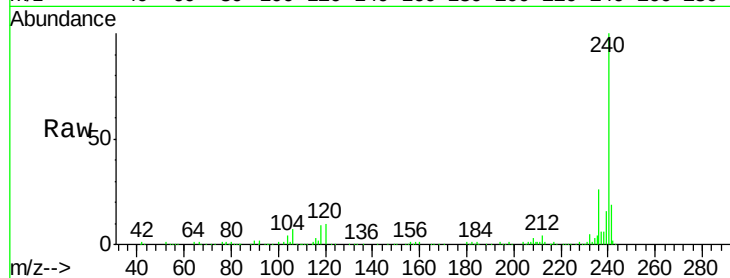
Tot Ion:240 Resp: 173080

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

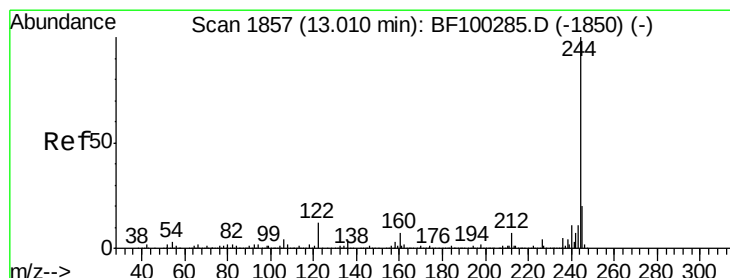
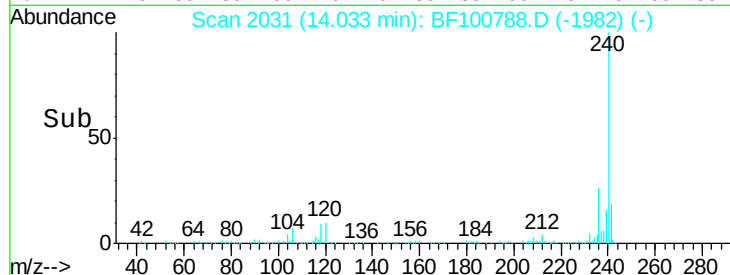
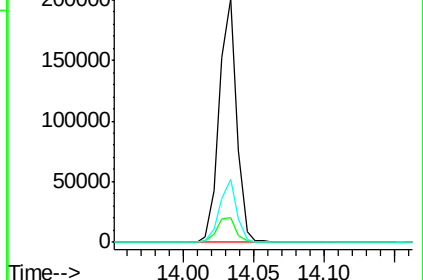
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 65.18 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100788.D

Acq: 21 Nov 2017 18:46

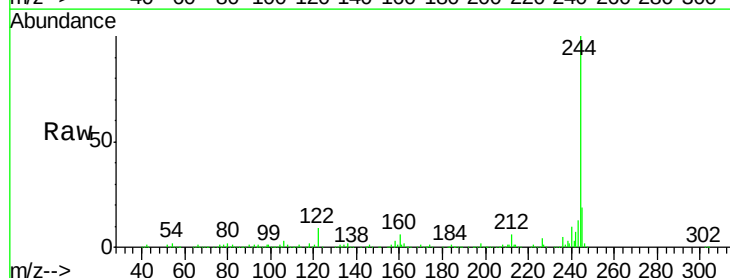
Tgt Ion:244 Resp: 490964

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

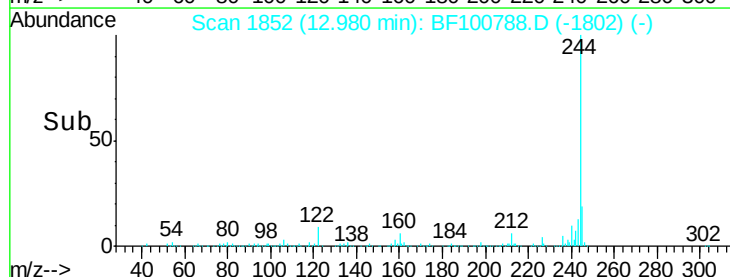
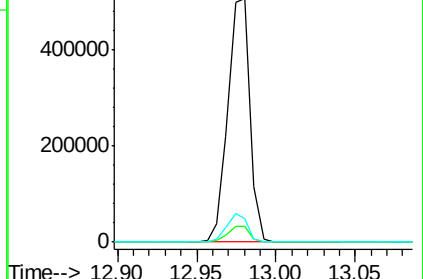
122 9.4 11.0 16.4#

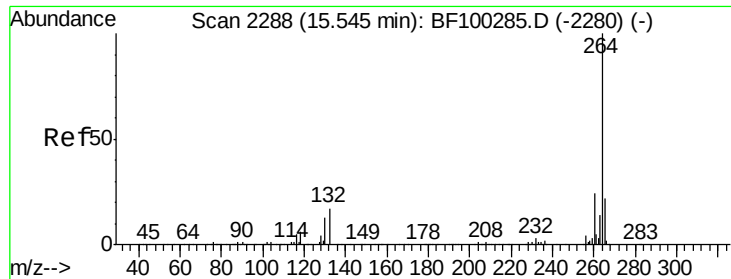


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

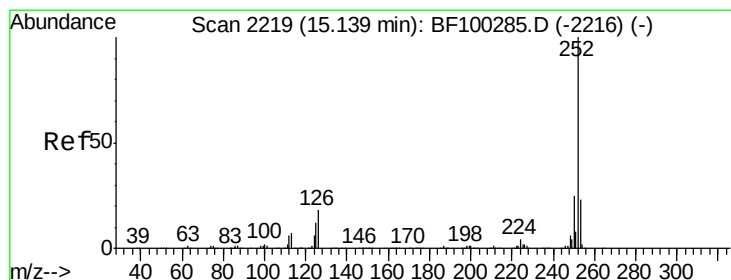
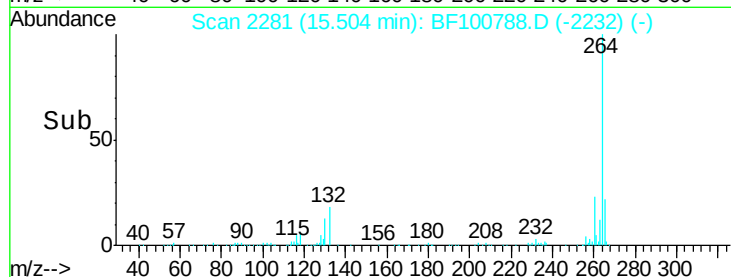
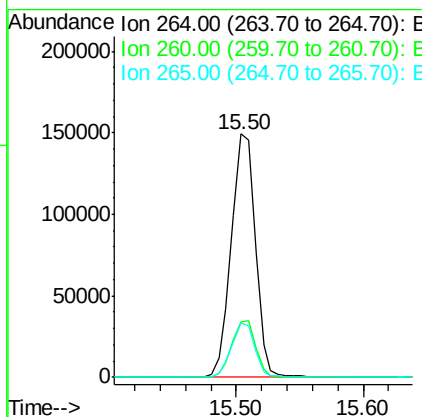
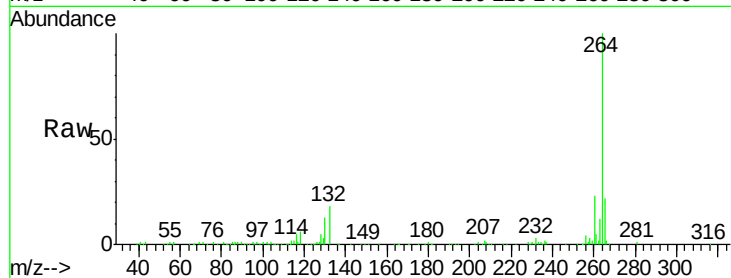




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	17.5	26.3



#88
Benzo(k)fluoranthene
Concen: 2.06 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	14.9	10.2	15.2

