

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 :
 PG1-2-E(4-5)

Quant Time: Nov 22 06:29:23 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

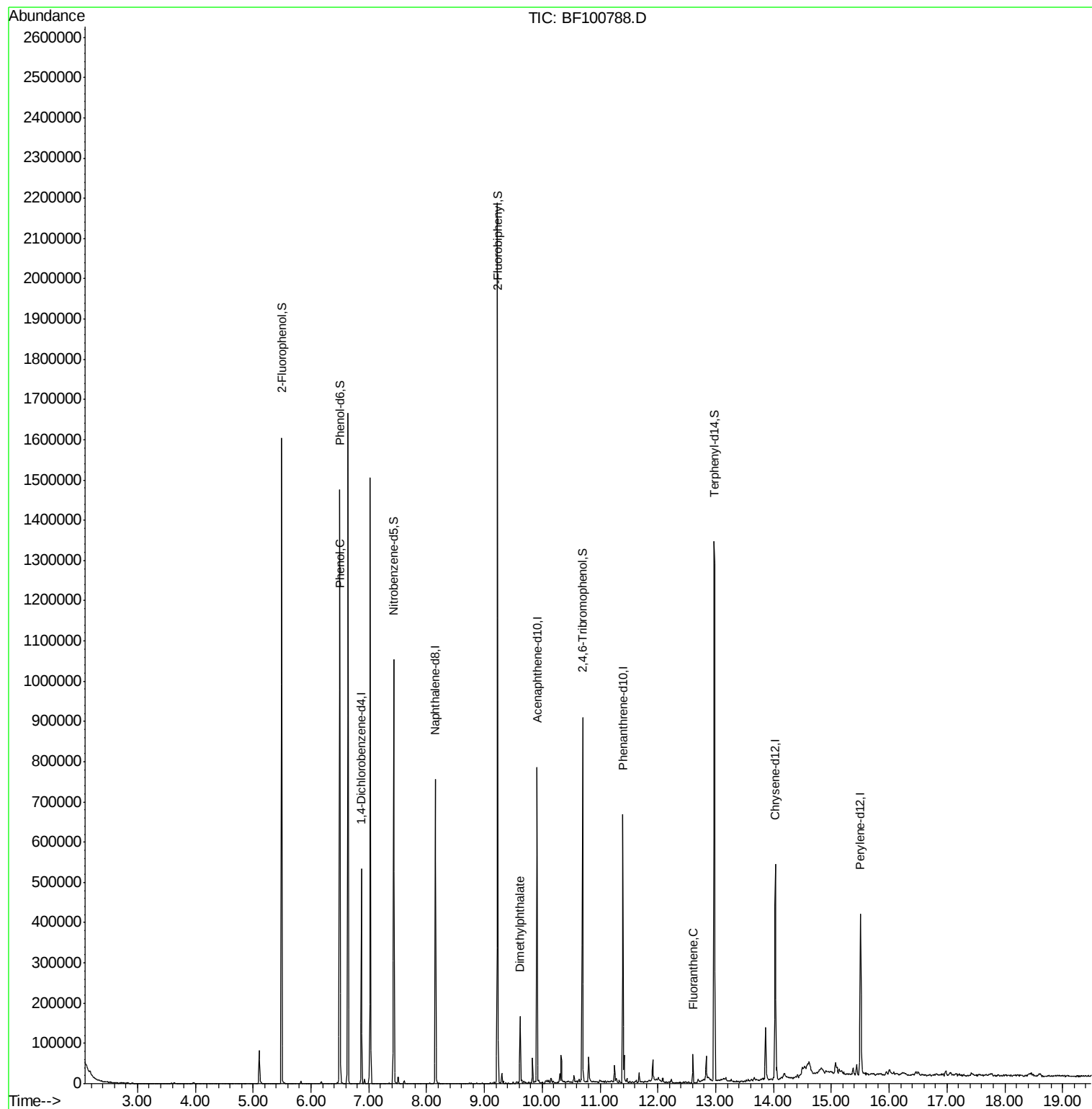
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	83247	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	330437	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	148125	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	251112	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	173080	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	4.589	ng	99
49) Dimethylphthalate	9.62	163	63850	5.646	ng	99
74) Fluoranthene	12.60	202	28176	2.011	ng	96

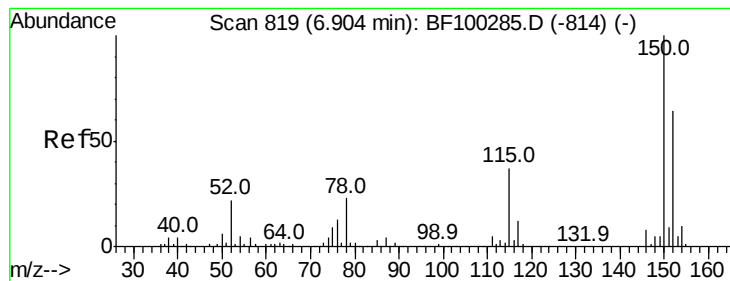
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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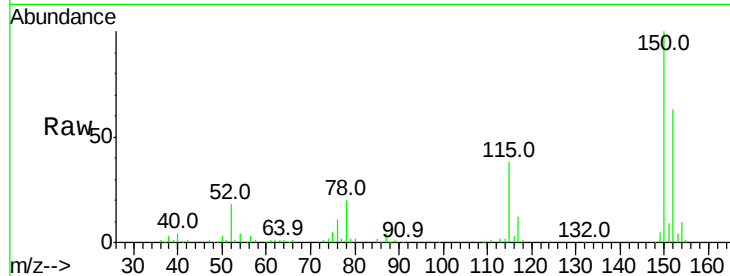


#1

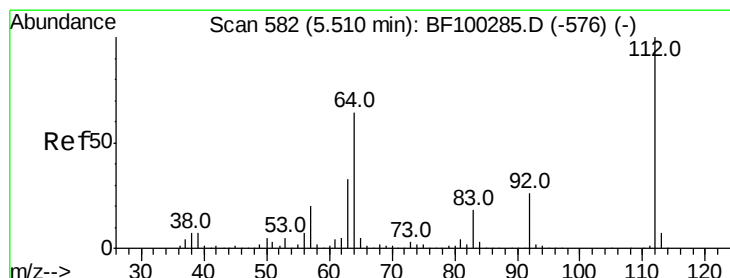
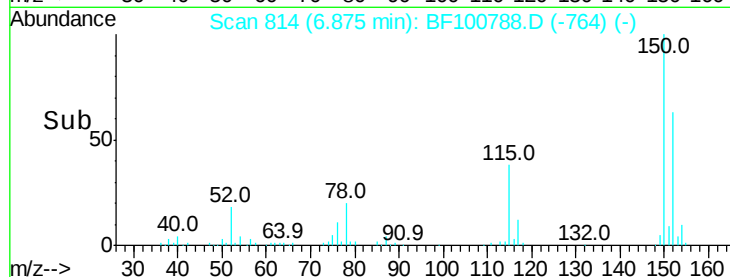
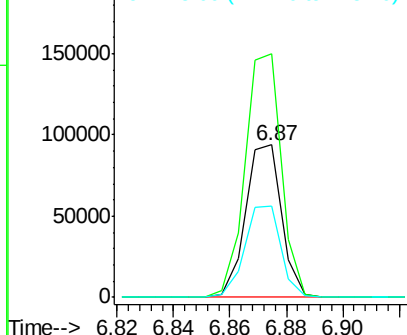
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)

Tot Ion:152 Resp: 83247
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 60.0 50.1 75.1



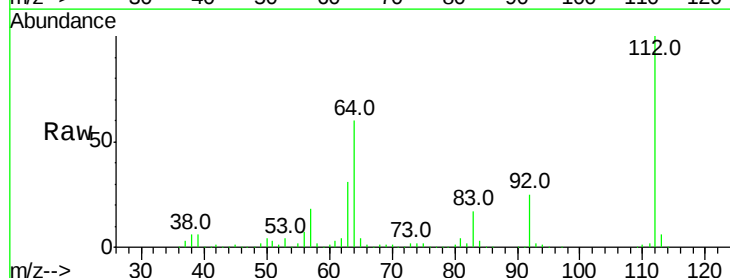
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



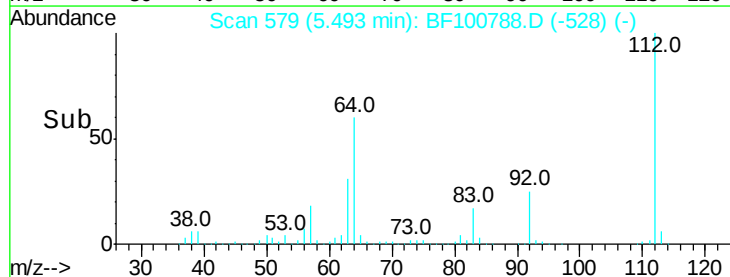
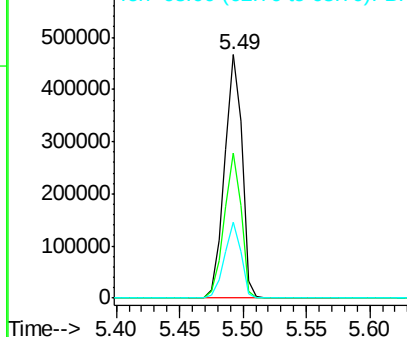
#5

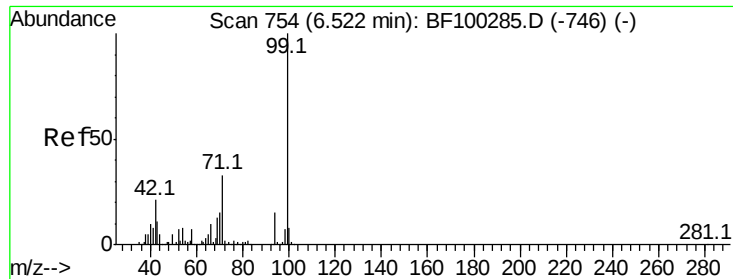
2-Fluorophenol
Concen: 85.876 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Tgt Ion:112 Resp: 445973
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: 83.945 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

ClientSampleId :

PG1-2-E(4-5)

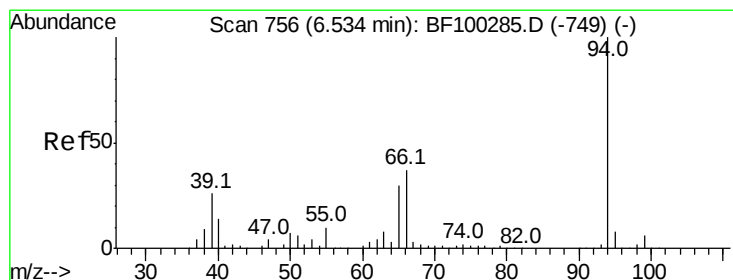
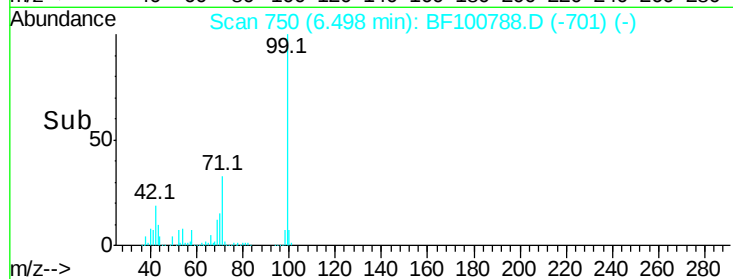
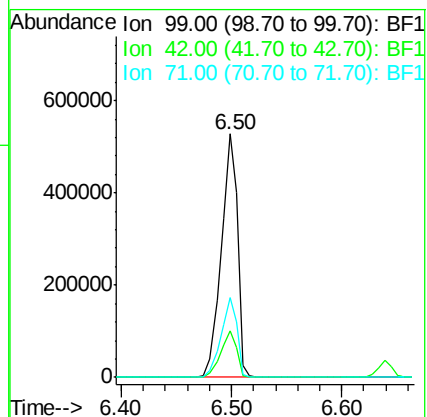
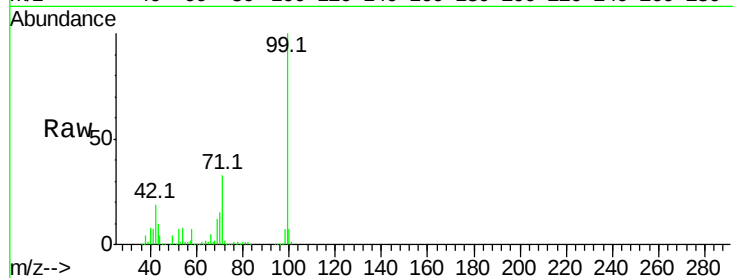
Tot Ion: 99 Resp: 537577

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.9 25.4 38.0



#10

Phenol

Concen: 4.589 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100788.D

Acq: 21 Nov 2017 18:46

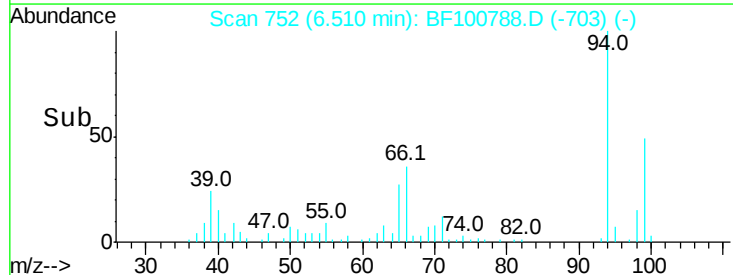
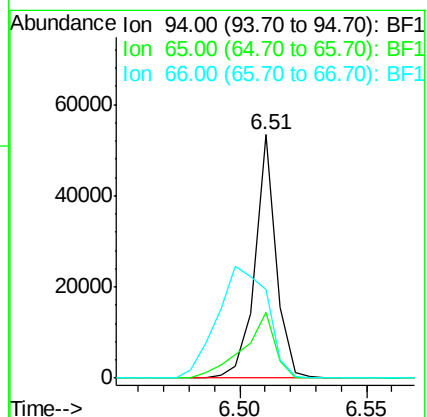
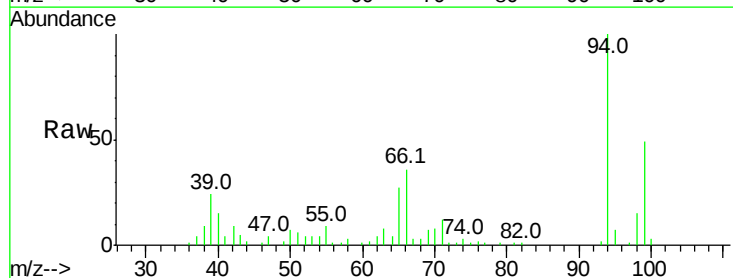
Tgt Ion: 94 Resp: 30853

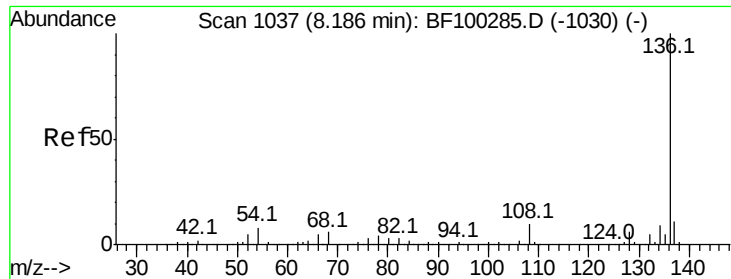
Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

66 36.5 16.2 56.2

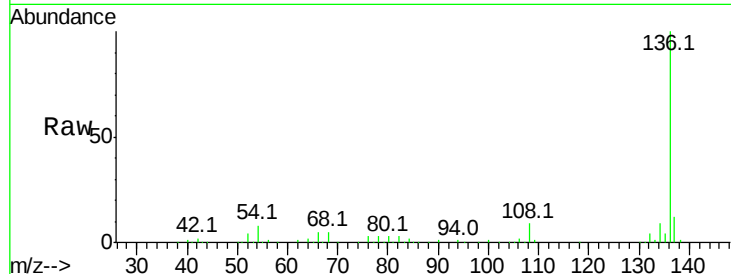




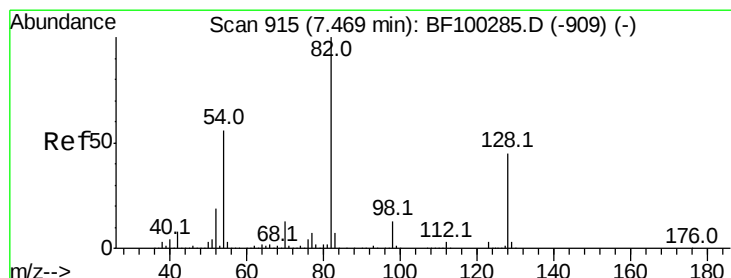
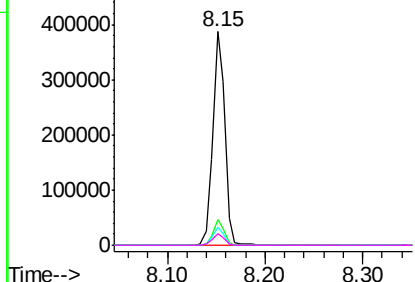
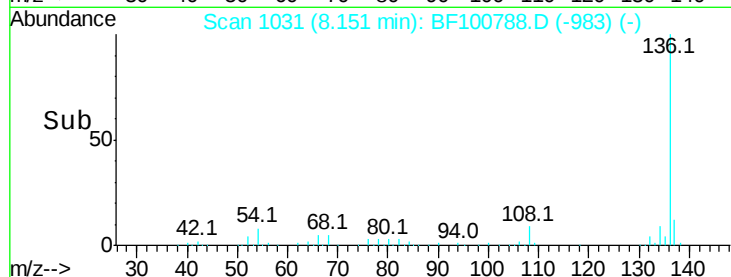
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)

Tot 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

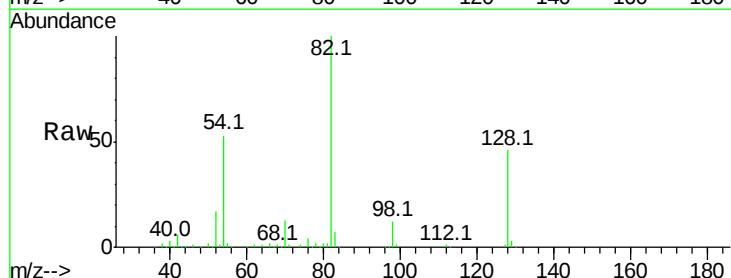


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

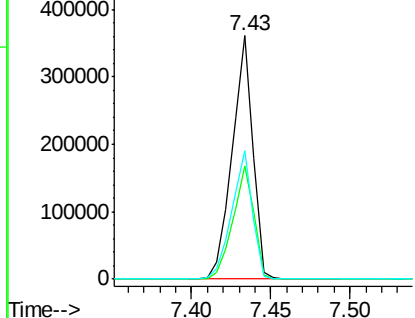
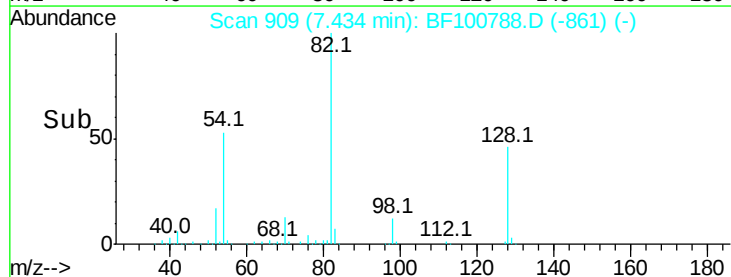


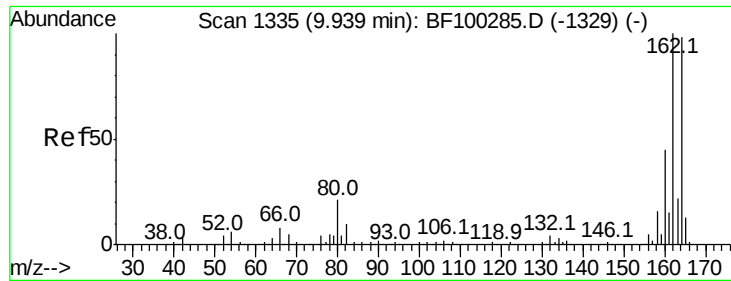
#23
Nitrobenzene-d5
Concen: 65.476 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Tgt Ion:	82	Resp:	327249
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	52.8	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

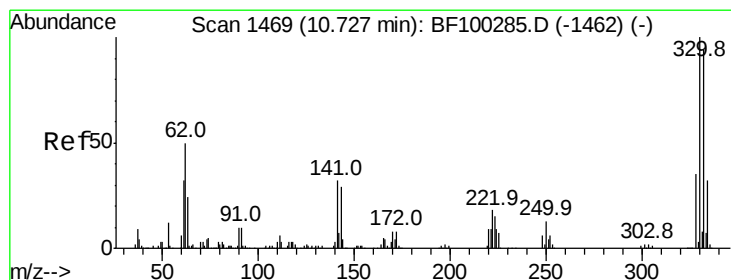
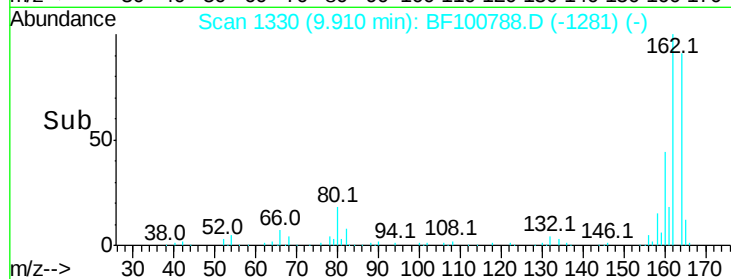
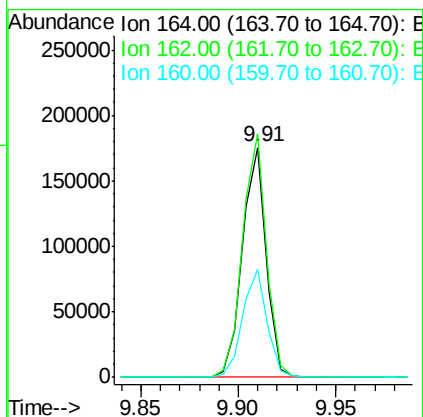
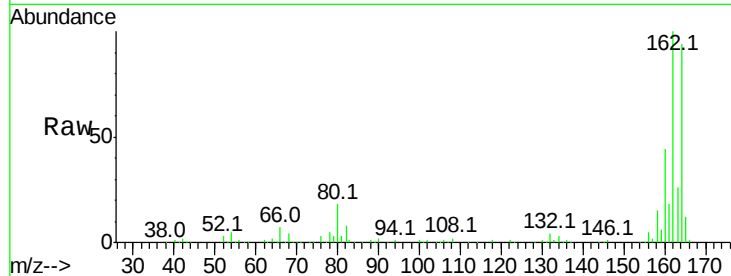




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100788.D
 Acq: 21 Nov 2017 18:46

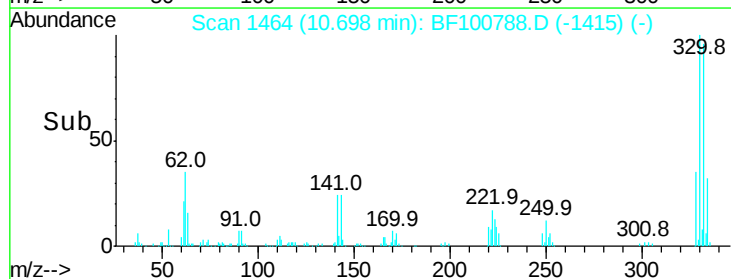
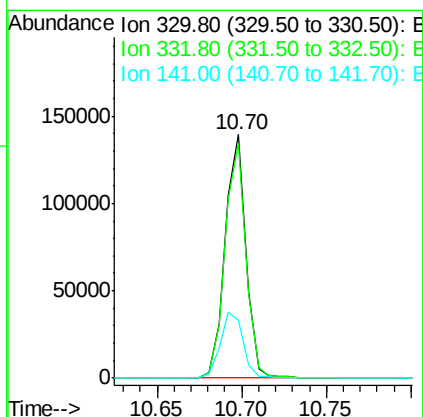
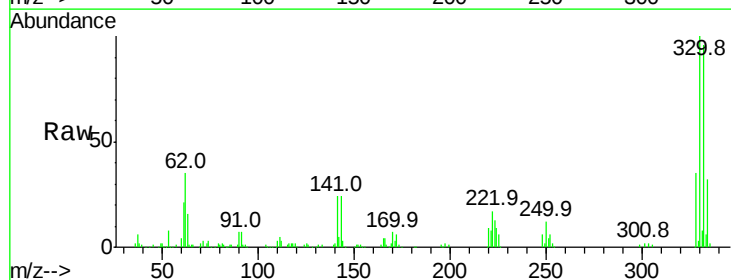
Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)

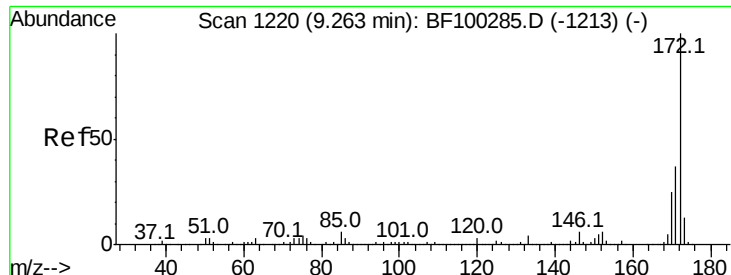
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	46.9	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 79.043 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	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	29.6	29.9	44.9#

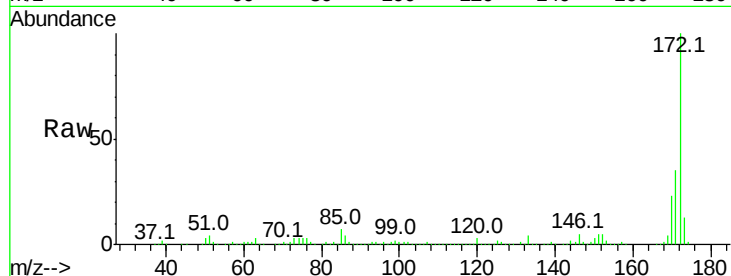




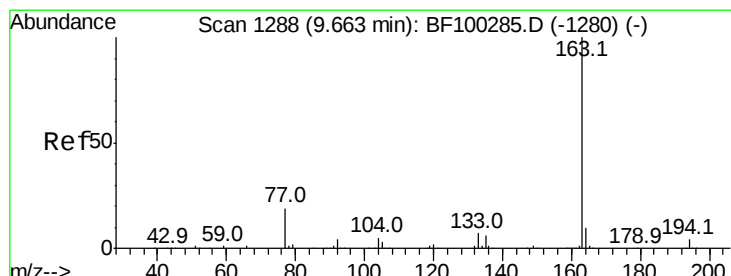
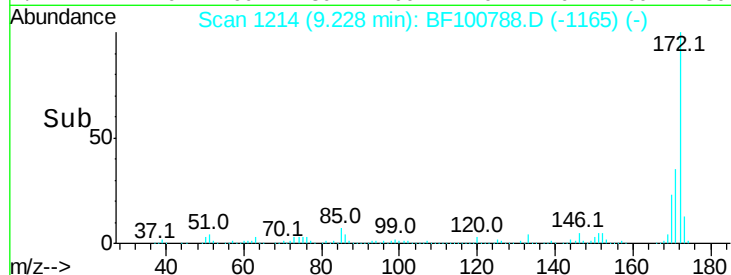
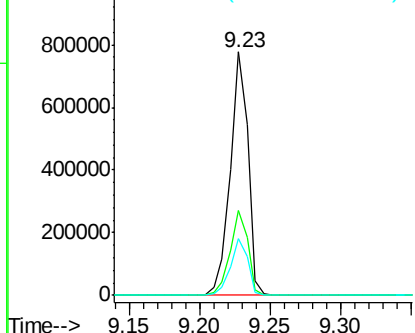
#44
2-Fluorobiphenyl
Concen: 70.176 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)

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

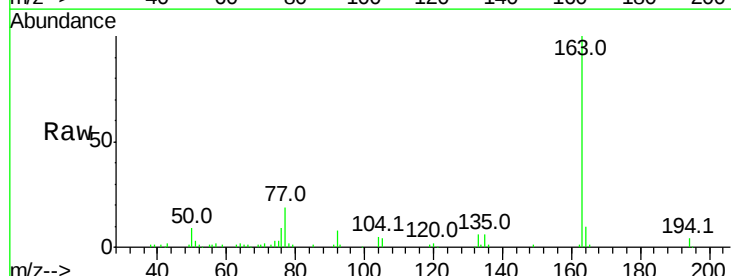


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

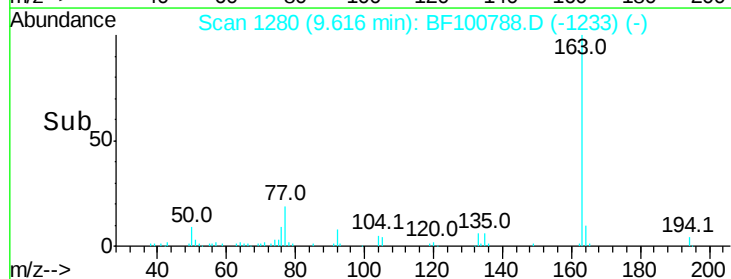
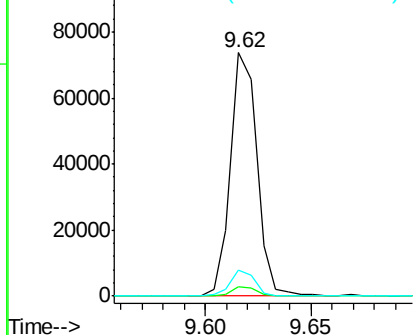


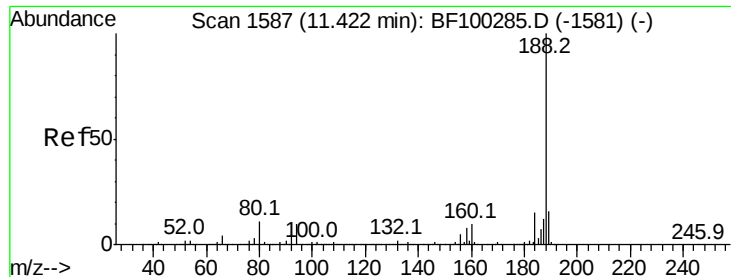
#49
Dimethylphthalate
Concen: 5.646 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100788.D
Acq: 21 Nov 2017 18:46

Tgt 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF100788.D

Acq: 21 Nov 2017 18:46

Instrument :

BNA_F

ClientSampleId :

PG1-2-E(4-5)

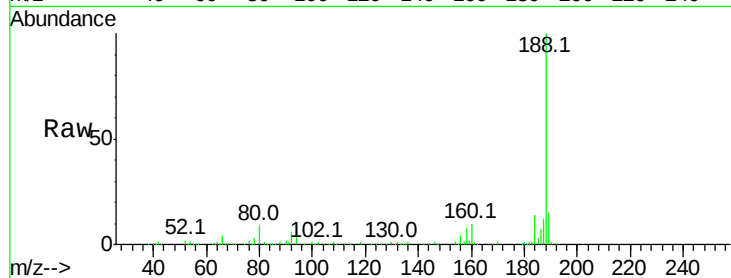
Tot Ion:188 Resp: 251112

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

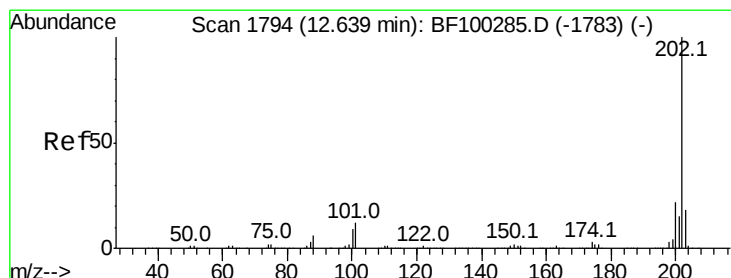
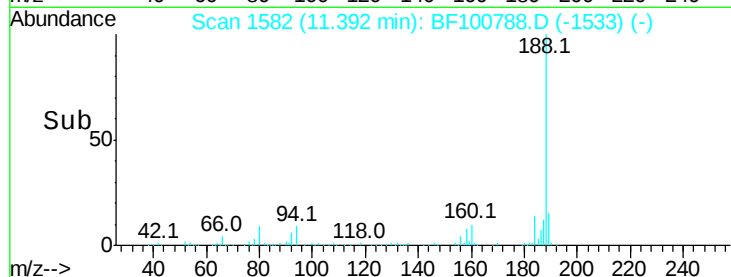
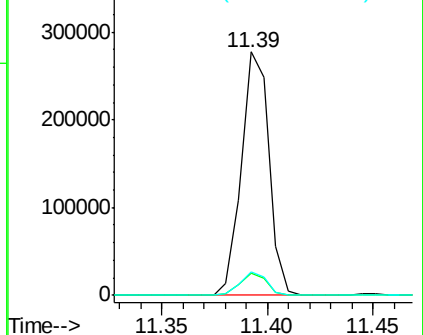
80 9.5 9.2 13.8



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



#74

Fluoranthene

Concen: 2.011 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF100788.D

Acq: 21 Nov 2017 18:46

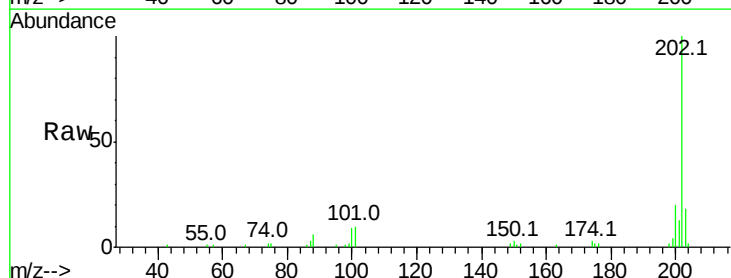
Tgt Ion:202 Resp: 28176

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.1

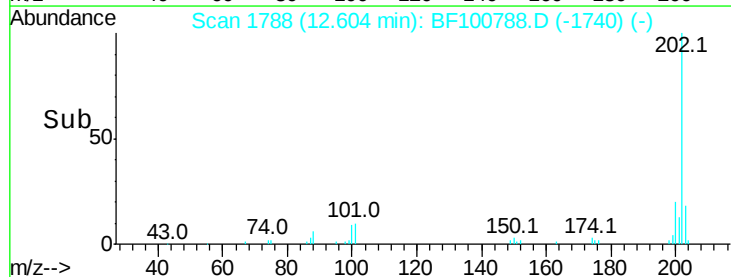
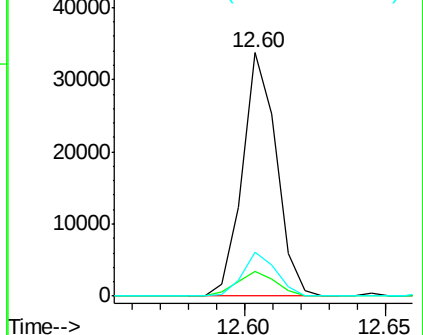
203 18.3 0.0 38.1

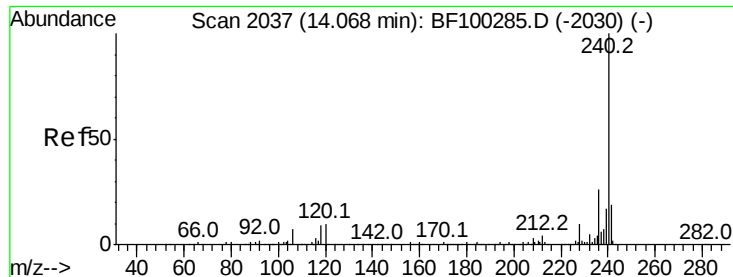


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 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 :

PG1-2-E(4-5)

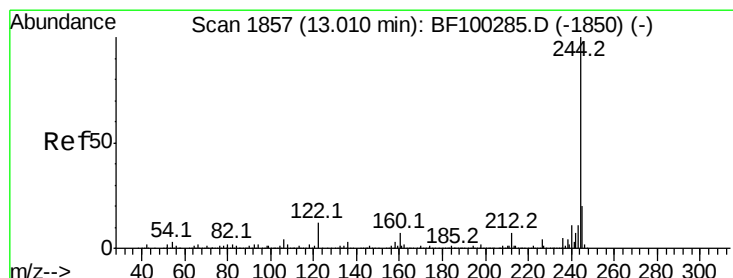
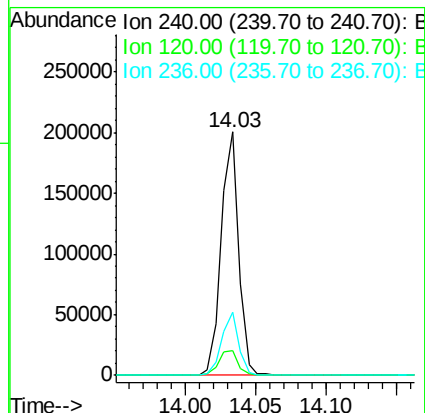
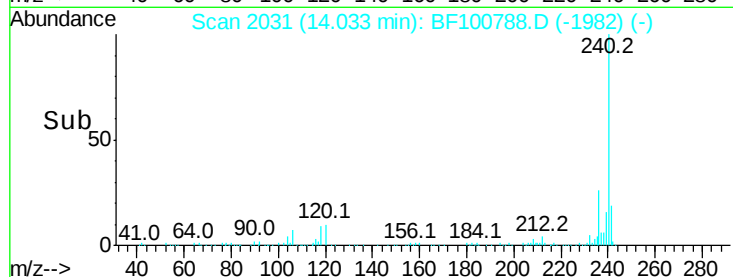
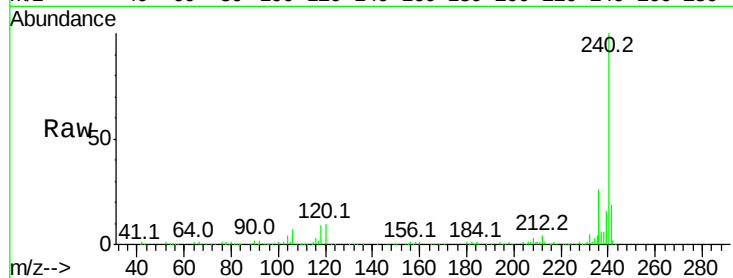
Tot Ion:240 Resp: 173080

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

236 25.7 20.7 31.1



#78

Terphenyl-d14

Concen: 65.177 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100788.D

Acq: 21 Nov 2017 18:46

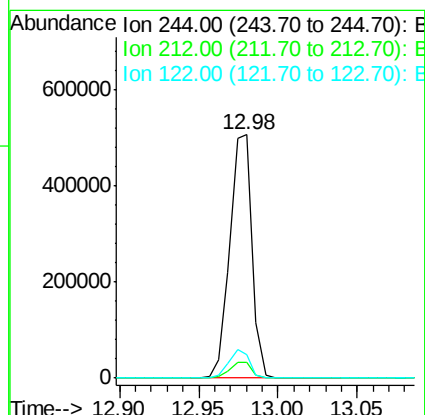
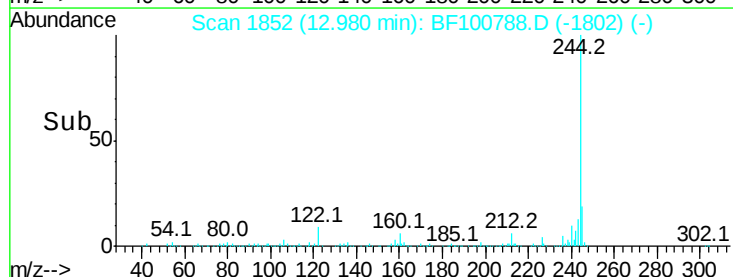
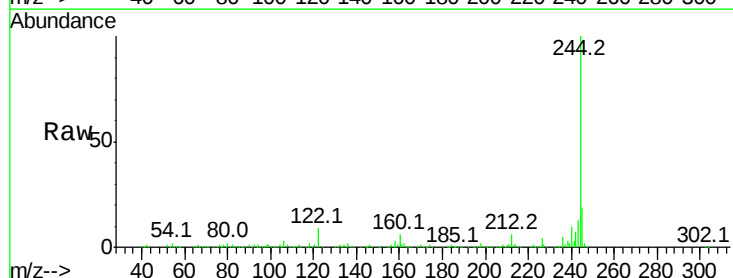
Tgt Ion:244 Resp: 490964

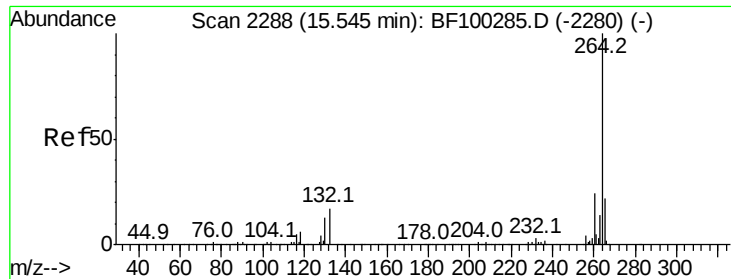
Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 9.4 11.0 16.4#





#86
 Pervlene-d12
 Concen: 20.000 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 :
 PG1-2-E(4-5)

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

