

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101161.D
 Acq On : 6 Dec 2017 12:23
 Operator : SJ/JU
 Sample : I6709-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-6(5-10)

Quant Time: Dec 06 14:48:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

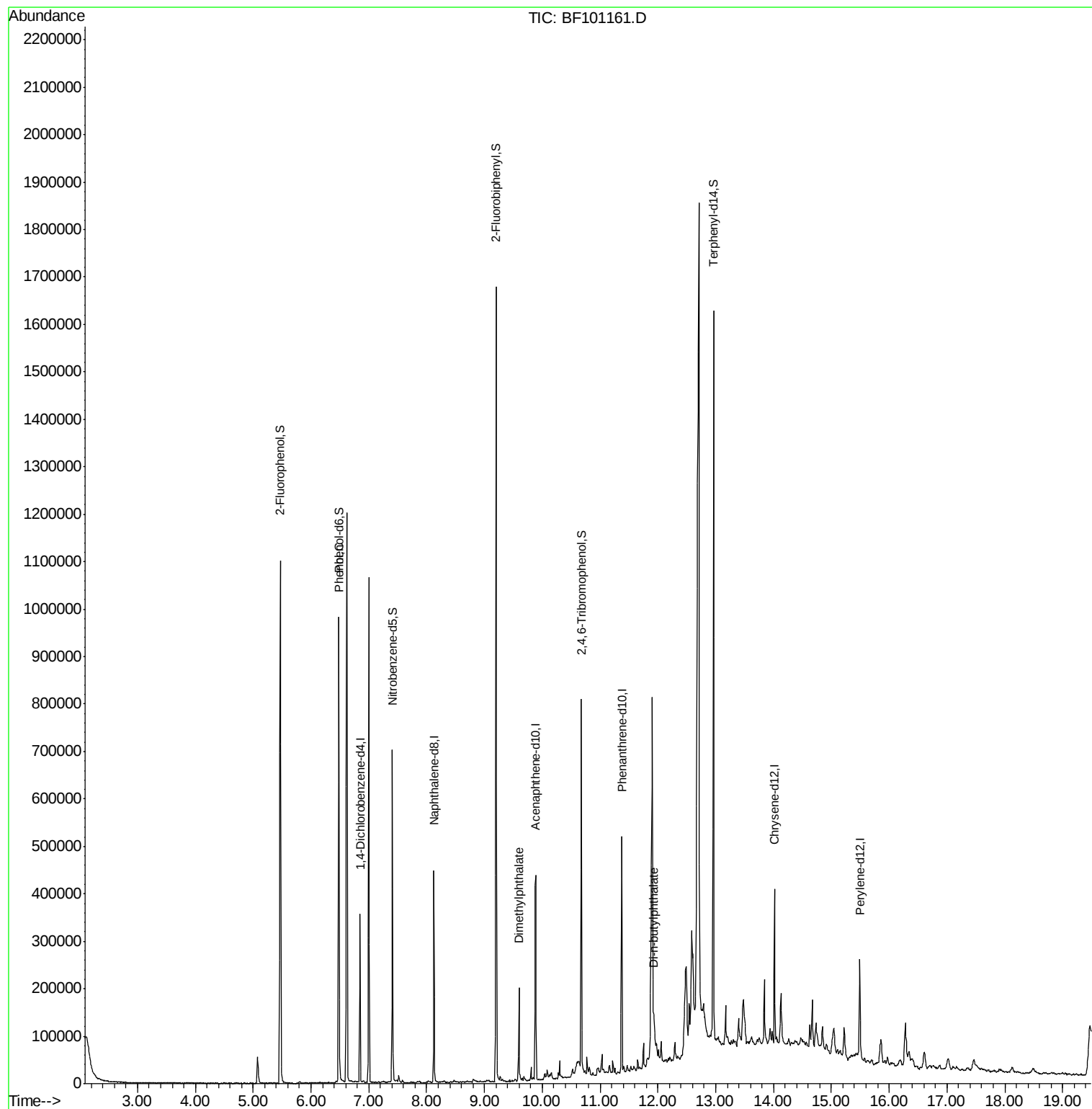
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	46477	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	185284	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	88761	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	178605	20.00	ng	0.00
75) Chrysene-d12	14.02	240	114212	20.00	ng	0.00
86) Perylene-d12	15.49	264	97353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	310915	110.54	ng	0.00
7) Phenol-d6	6.48	99	382763	112.09	ng	0.00
23) Nitrobenzene-d5	7.41	82	236393	76.11	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	91758	86.05	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	521304	80.36	ng	0.00
78) Terphenyl-d14	12.96	244	527770	101.07	ng	0.00
Target Compounds						
10) Phenol	6.49	94	10333	2.721	ng	76
49) Dimethylphthalate	9.60	163	81680	11.410	ng	98
73) Di-n-butylphthalate	11.93	149	25125	2.204	ng	# 85

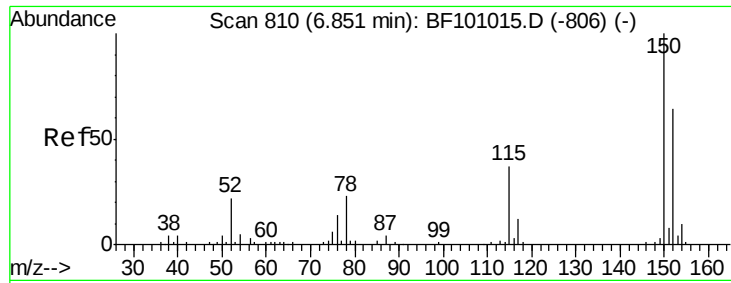
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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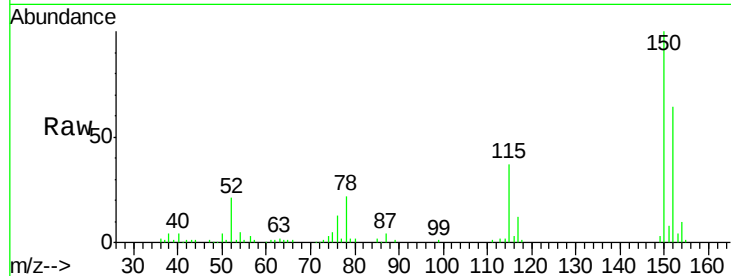


#1

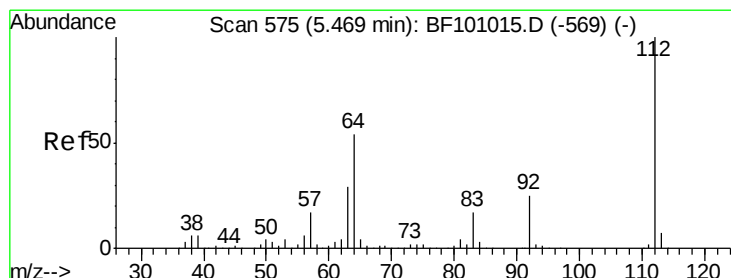
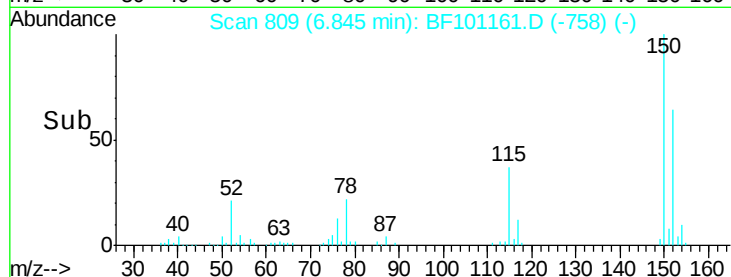
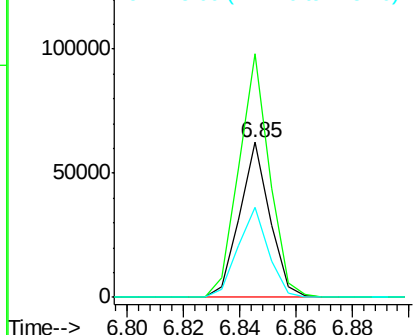
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(5-10)

Tot Ion:152 Resp: 46477
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 57.8 50.1 75.1



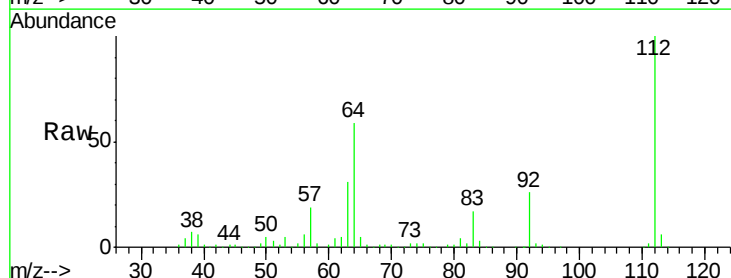
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



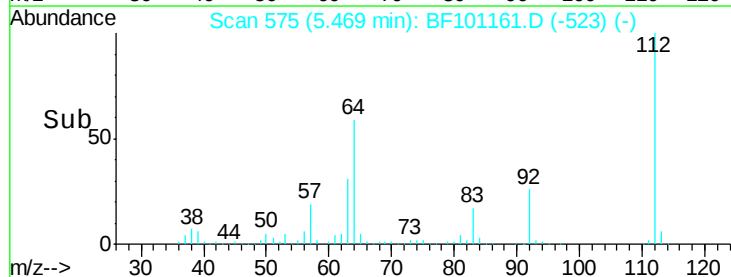
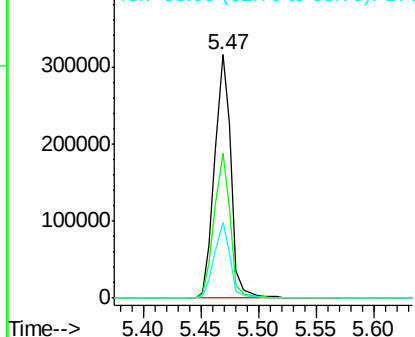
#5

2-Fluorophenol
Concen: 110.543 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

Tgt Ion:112 Resp: 310915
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 31.2 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: 112.090 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101161.D

Acq: 6 Dec 2017 12:23

Instrument :

BNA_F

ClientSampleId :

ENV-109-6(5-10)

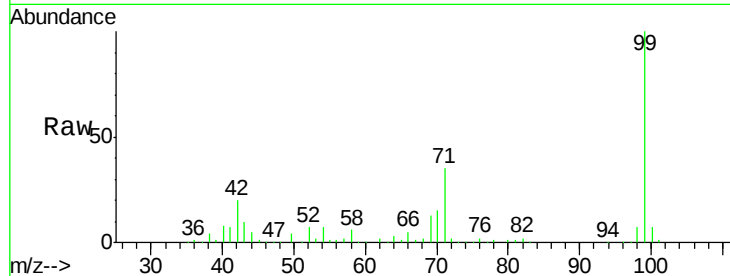
Tot Ion: 99 Resp: 382763

Ion Ratio Lower Upper

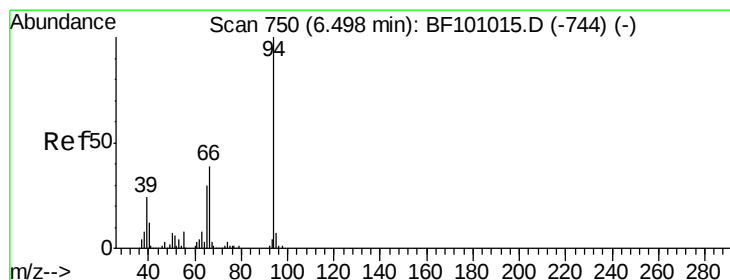
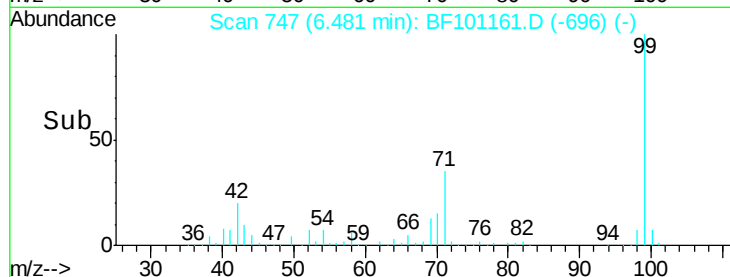
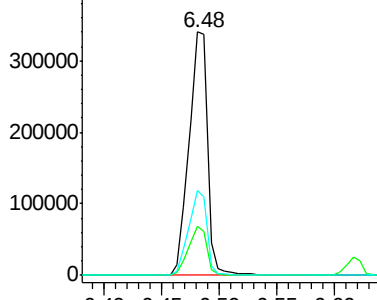
99 100

42 20.2 14.5 21.7

71 35.1 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



#10

Phenol

Concen: 2.721 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101161.D

Acq: 6 Dec 2017 12:23

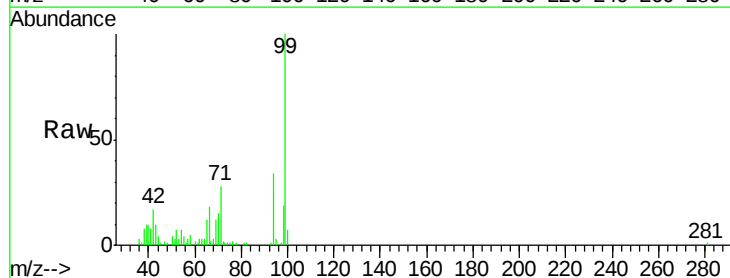
Tgt Ion: 94 Resp: 10333

Ion Ratio Lower Upper

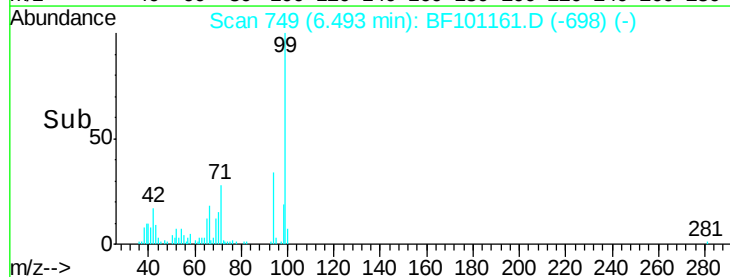
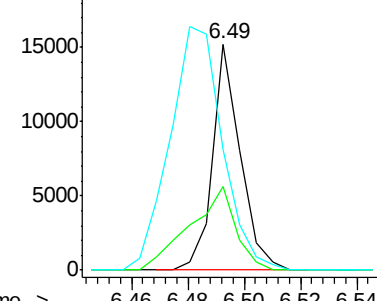
94 100

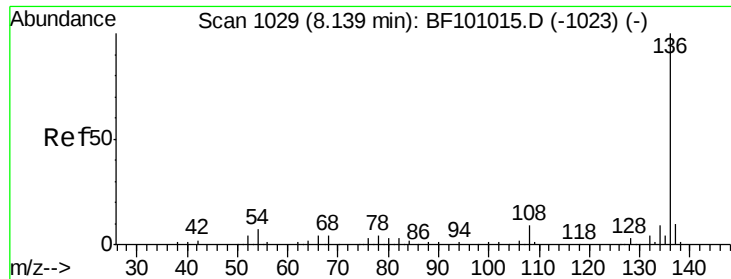
65 37.1 7.9 47.9

66 53.7 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

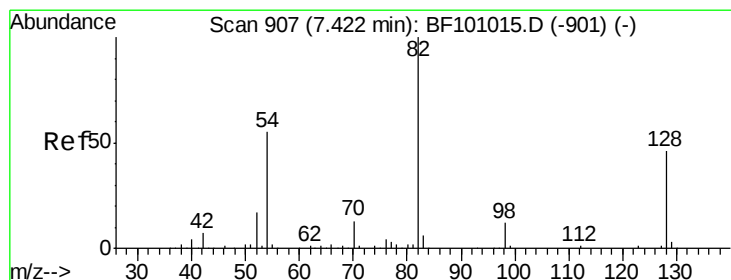
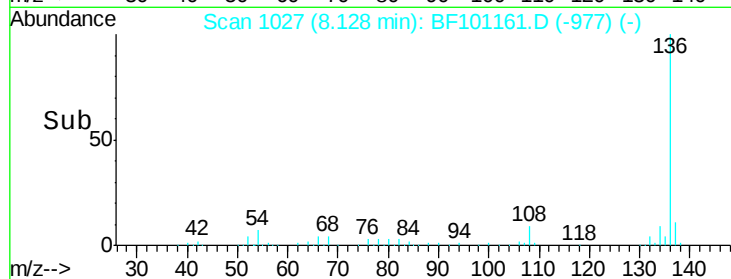
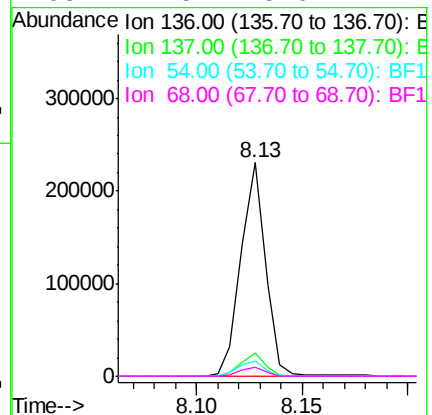
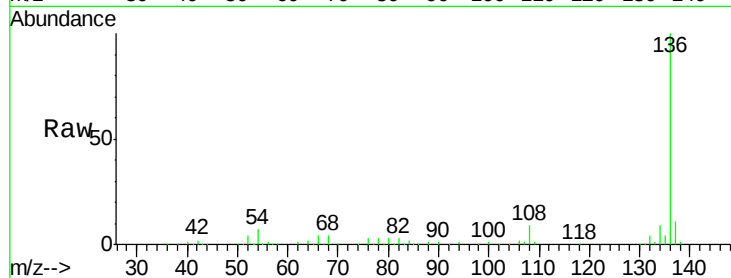




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

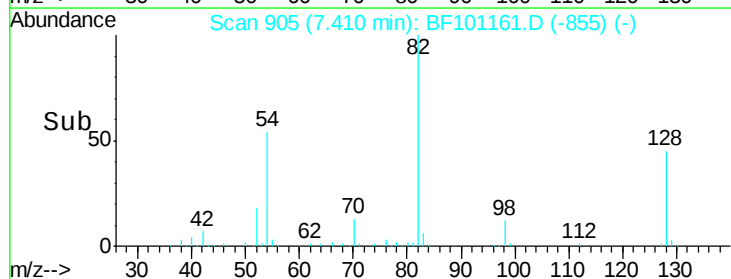
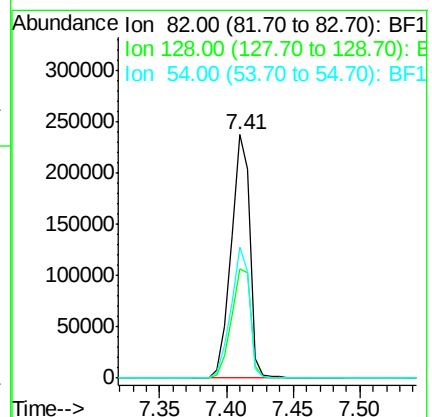
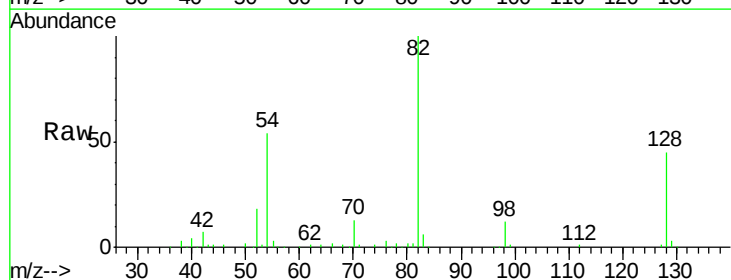
Instrument :
BNA_F
ClientSampleId :
ENV-109-6(5-10)

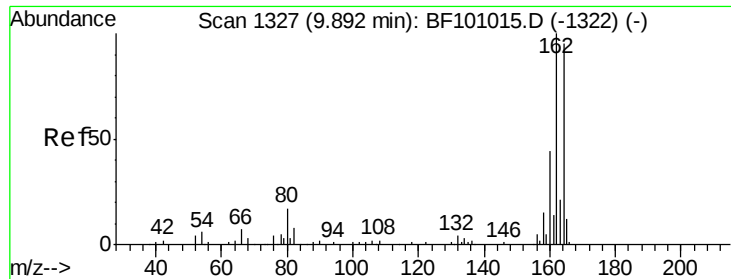
Tot Ion:136	Resp:	185284
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.4	6.6 9.8
68	4.5	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 76.108 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

Tgt Ion: 82	Resp:	236393
Ion Ratio	Lower	Upper
82	100	
128	44.8	36.1 54.1
54	53.9	41.4 62.2

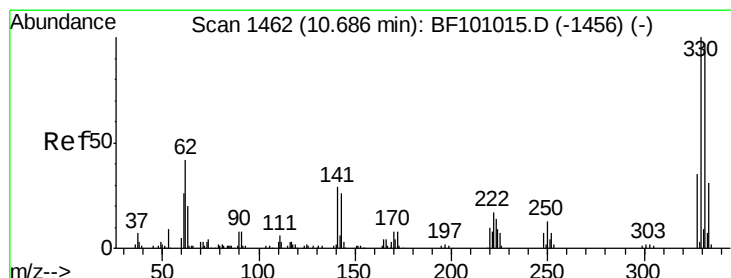
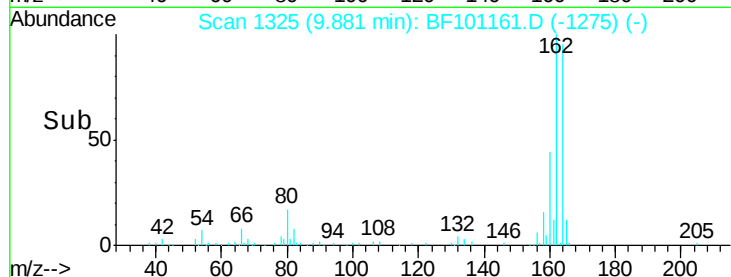
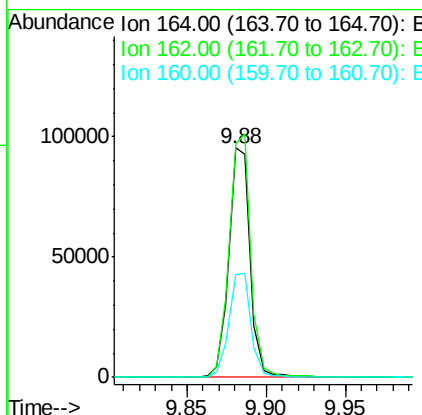
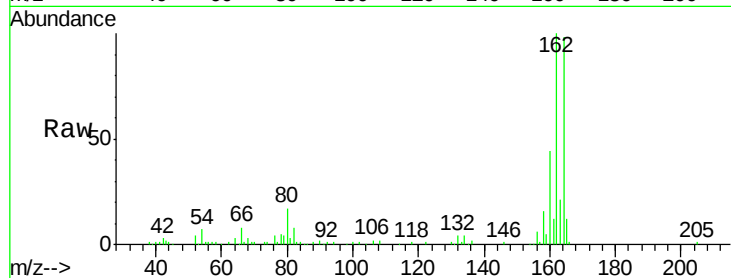




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101161.D
 Acq: 6 Dec 2017 12:23

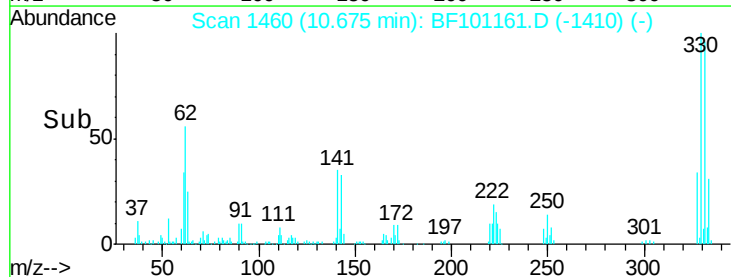
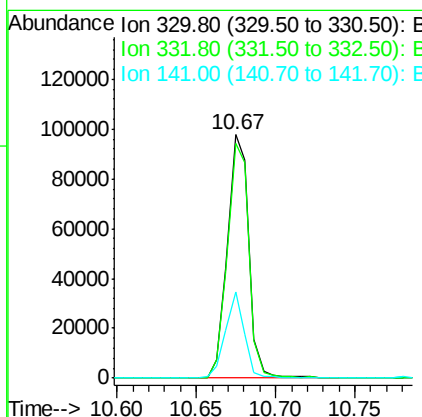
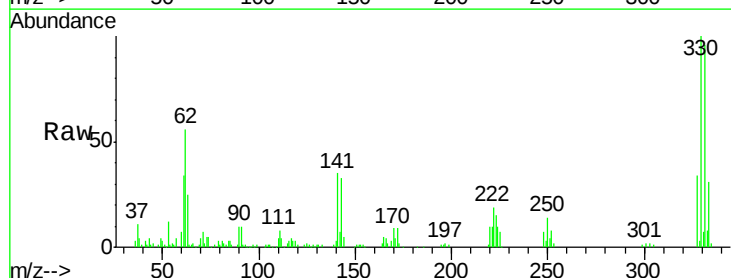
Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-6(5-10)

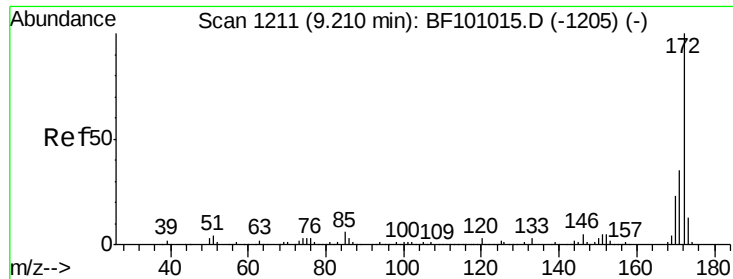
Tot Ion:164 Resp: 88761
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 44.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 86.055 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101161.D
 Acq: 6 Dec 2017 12:23

Tgt Ion:330 Resp: 91758
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 31.0 29.9 44.9

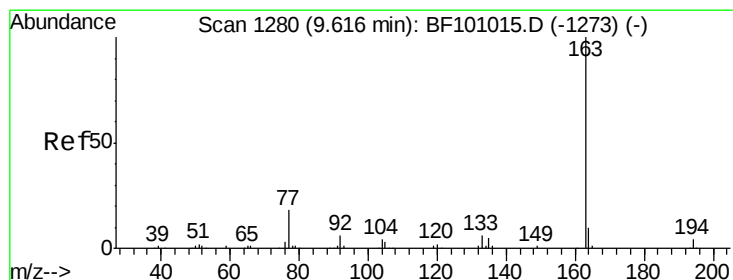
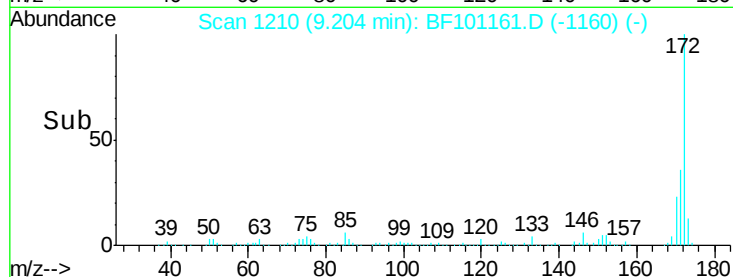
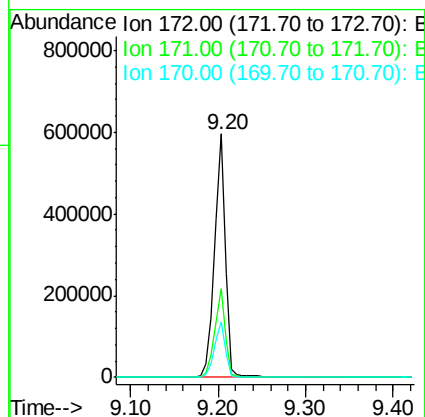
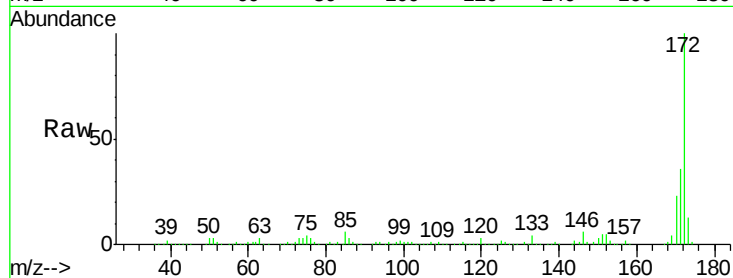




#44
2-Fluorobiphenyl
Concen: 80.356 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

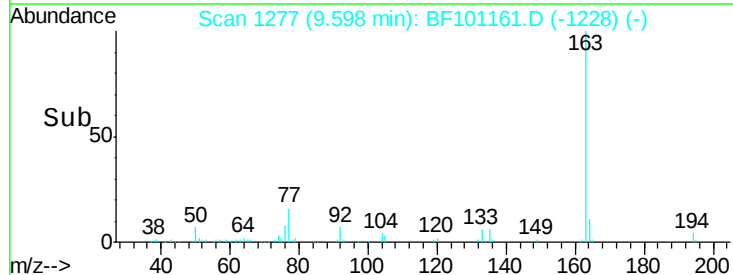
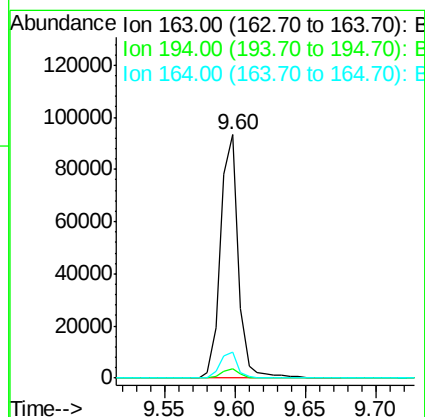
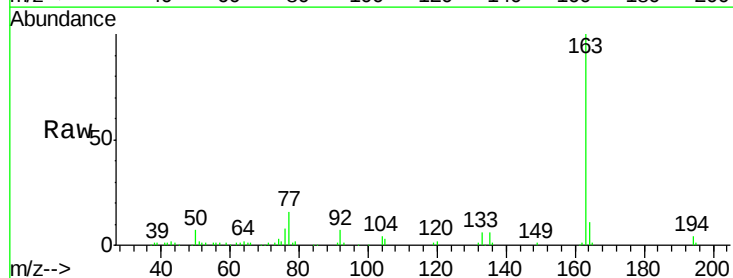
Instrument :
BNA_F
ClientSampleId :
ENV-109-6(5-10)

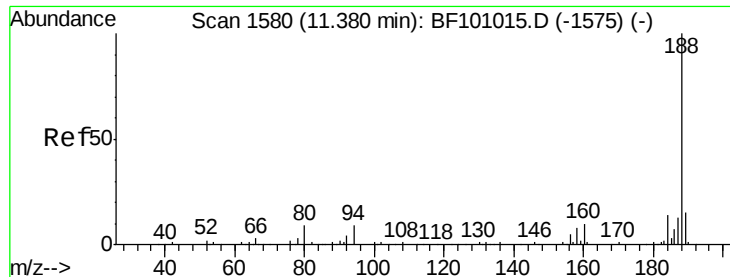
Tot Ion:172 Resp: 521304
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.0 19.6 29.4



#49
Dimethylphthalate
Concen: 11.410 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

Tgt Ion:163 Resp: 81680
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.7 8.2 12.2

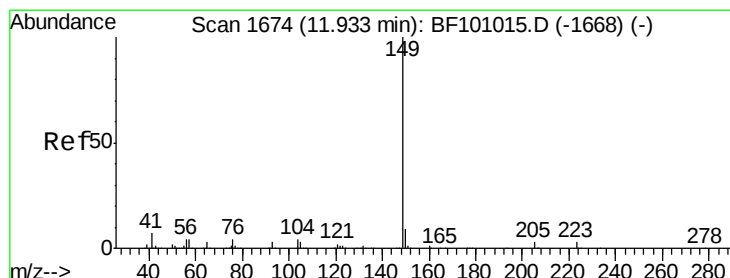
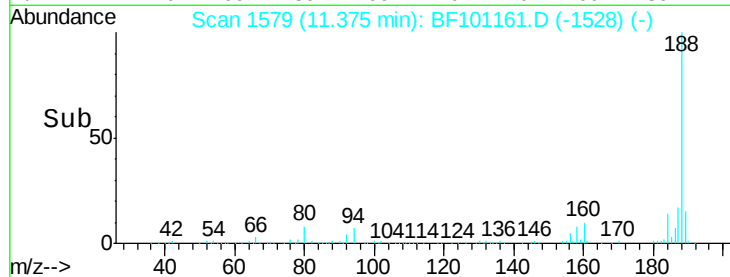
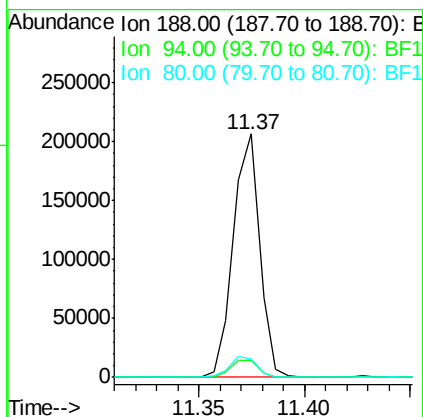
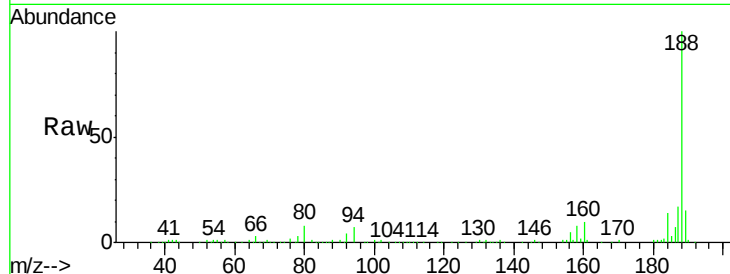




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

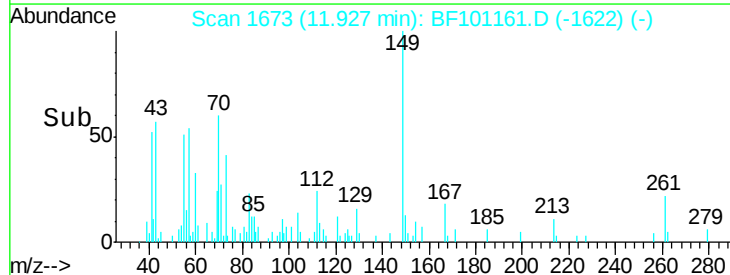
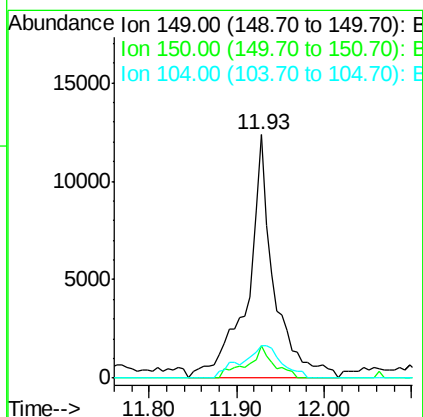
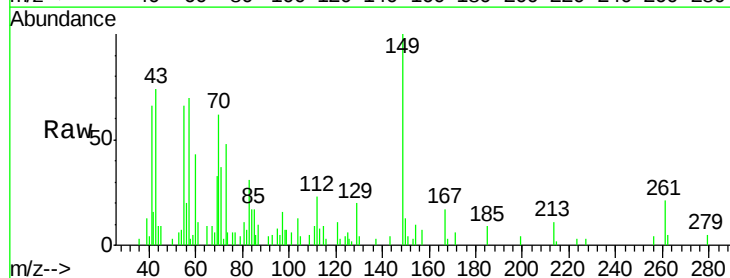
Instrument :
BNA_F
ClientSampleId :
ENV-109-6(5-10)

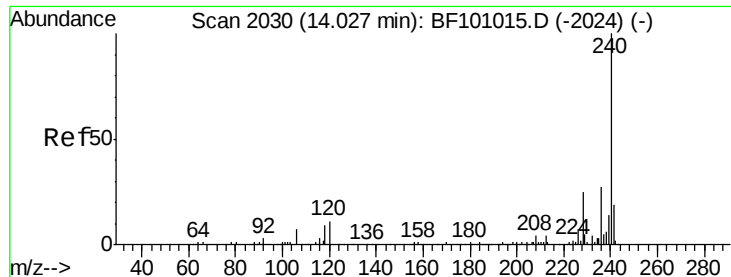
Tot Ion:188 Resp: 178605
Ion Ratio Lower Upper
188 100
94 6.8 8.5 12.7#
80 7.7 9.2 13.8#



#73
Di-n-butylphthalate
Concen: 2.204 ng
RT: 11.93 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

Tgt Ion:149 Resp: 25125
Ion Ratio Lower Upper
149 100
150 13.1 7.8 11.6#
104 13.4 3.8 5.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101161.D

Acq: 6 Dec 2017 12:23

Instrument :

BNA_F

ClientSampleId :

ENV-109-6(5-10)

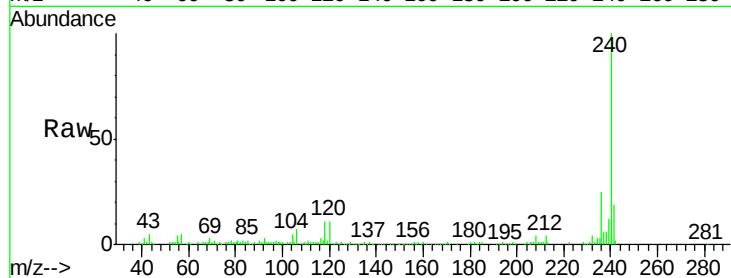
Tot Ion:240 Resp: 114212

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

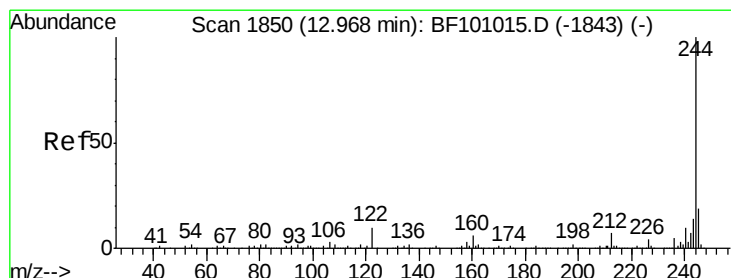
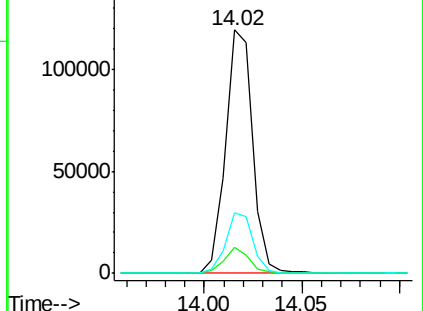
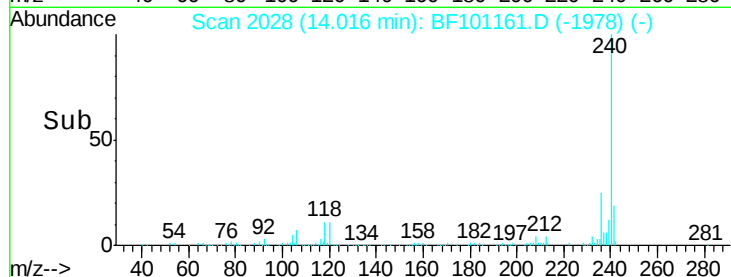
236 25.1 20.7 31.1



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: 101.073 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101161.D

Acq: 6 Dec 2017 12:23

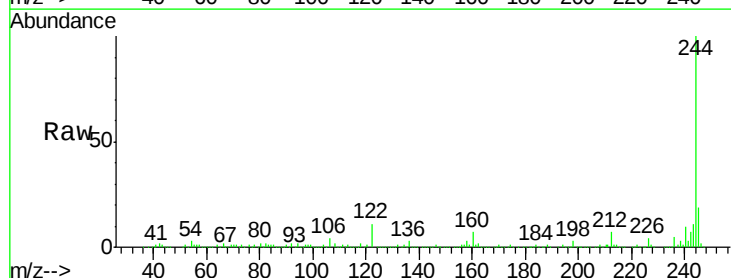
Tgt Ion:244 Resp: 527770

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

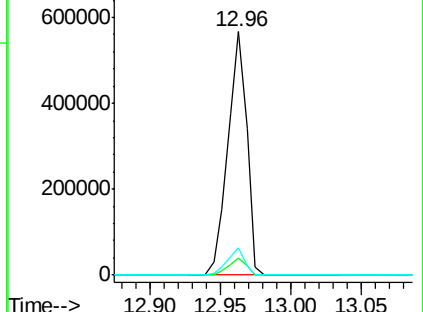
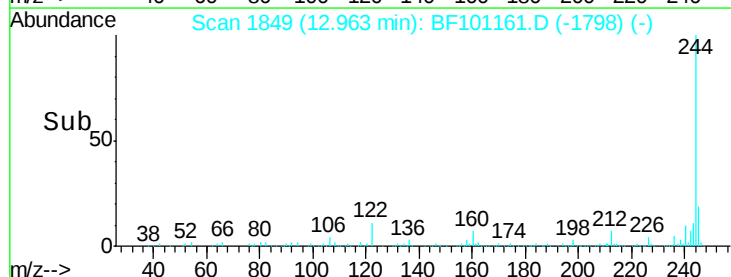
122 11.1 11.0 16.4

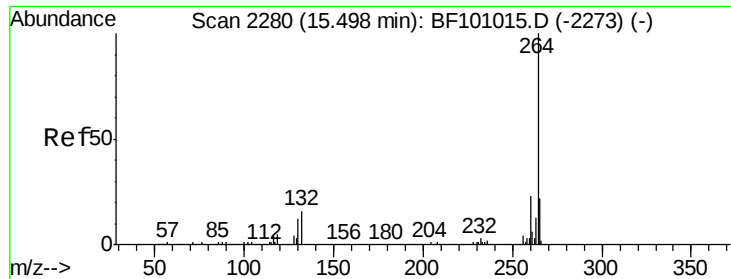


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	17.5	26.3

