

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101134.D
 Acq On : 5 Dec 2017 19:42
 Operator : SJ/JU
 Sample : I6709-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(10-15)

Quant Time: Dec 06 02:32:10 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

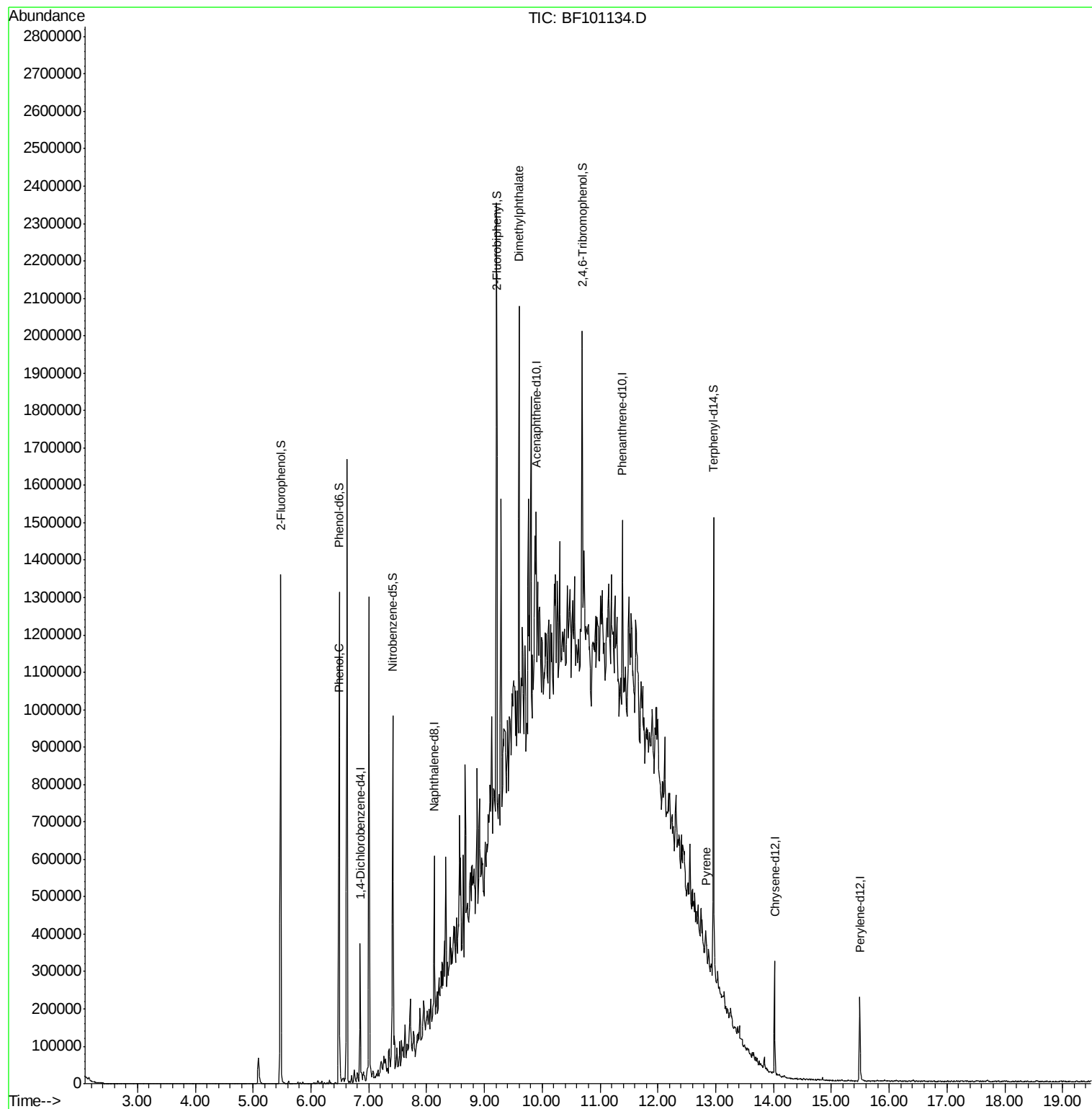
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52176	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	200309	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	86296	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	150190	20.00	ng	0.01
75) Chrysene-d12	14.02	240	109038	20.00	ng	0.00
86) Perylene-d12	15.49	264	115316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	424745	134.52	ng	0.01
7) Phenol-d6	6.49	99	515388	134.44	ng	0.00
23) Nitrobenzene-d5	7.42	82	311042	92.63	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	121286	117.00	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	579019	91.80	ng	0.00
78) Terphenyl-d14	12.96	244	462355	92.75	ng	0.00
Target Compounds						
10) Phenol	6.50	94	15406	3.614	ng	94
49) Dimethylphthalate	9.60	163	83899	12.055	ng	# 87
77) Pyrene	12.83	202	20408	2.712	ng	# 89

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

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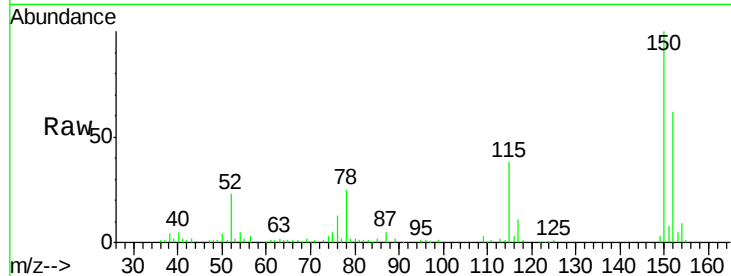


#1

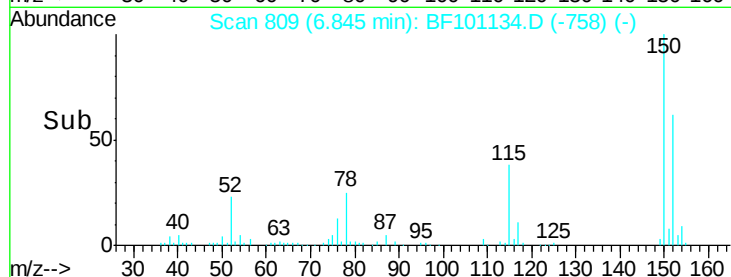
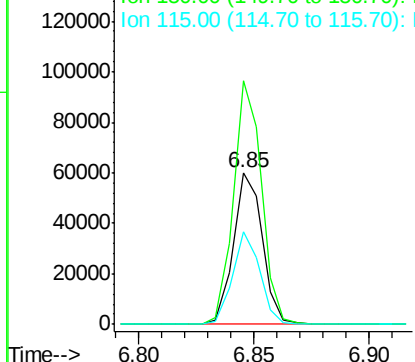
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101134.D
Acq: 5 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(10-15)

Tot Ion:152 Resp: 52176
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 61.4 50.1 75.1



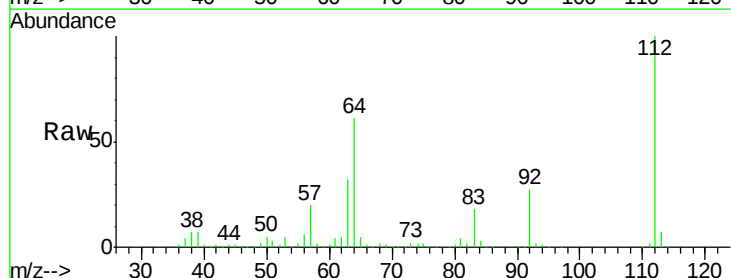
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



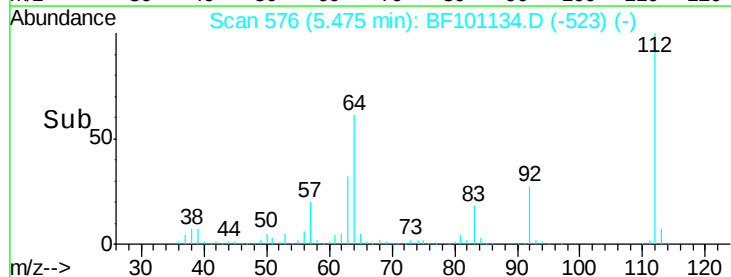
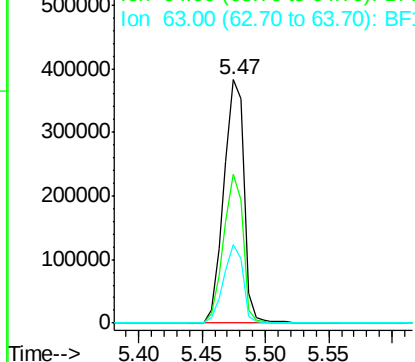
#5

2-Fluorophenol
Concen: 134.519 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101134.D
Acq: 5 Dec 2017 19:42

Tgt Ion:112 Resp: 424745
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 32.5 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: 134.443 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101134.D

Acq: 5 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

ENV-105-6(10-15)

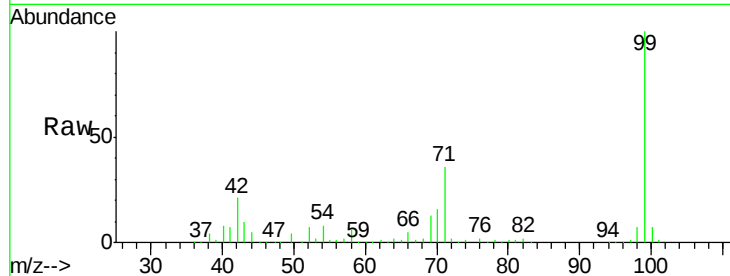
Tot Ion: 99 Resp: 515388

Ion Ratio Lower Upper

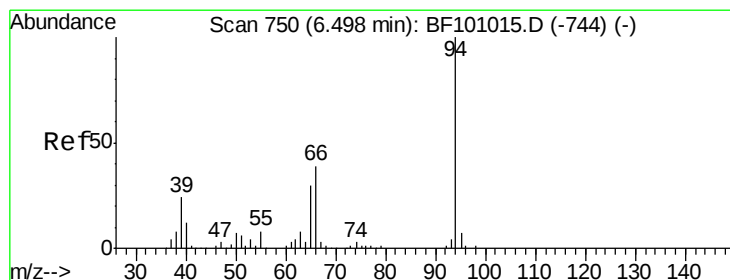
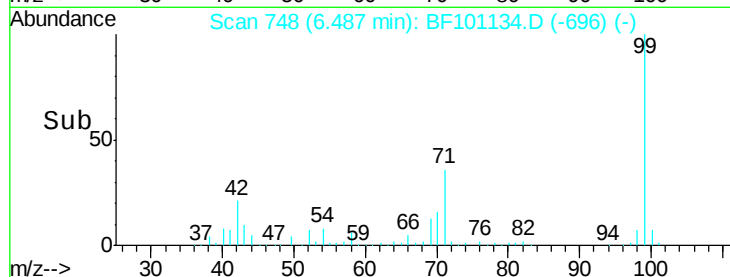
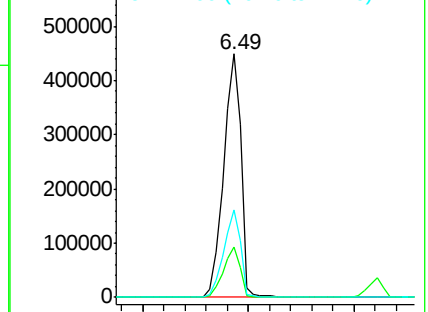
99 100

42 20.5 14.5 21.7

71 36.1 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: 3.614 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101134.D

Acq: 5 Dec 2017 19:42

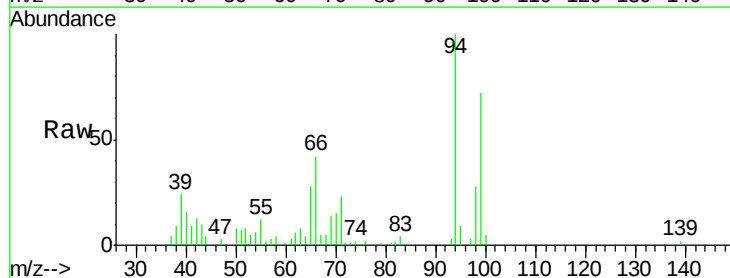
Tgt Ion: 94 Resp: 15406

Ion Ratio Lower Upper

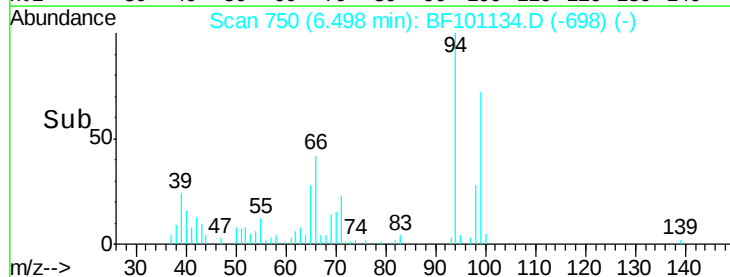
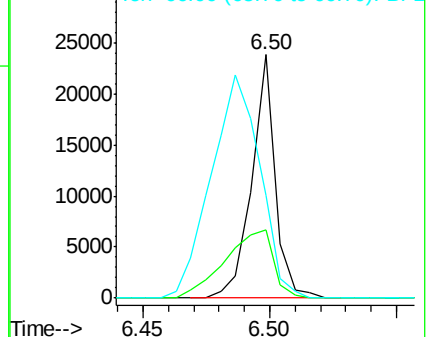
94 100

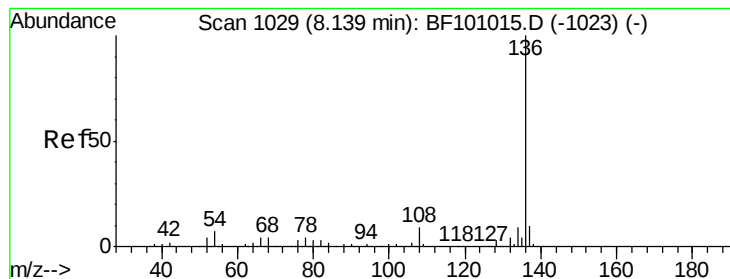
65 27.9 7.9 47.9

66 42.2 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# 1028

Delta R.T. 0.00 min

Lab File: BF101134.D

Acq: 5 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

ENV-105-6(10-15)

Tot Ion:136 Resp: 200309

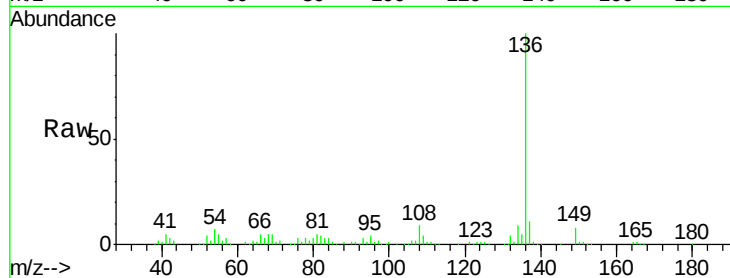
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.2 6.6 9.8

68 5.2 5.0 7.4

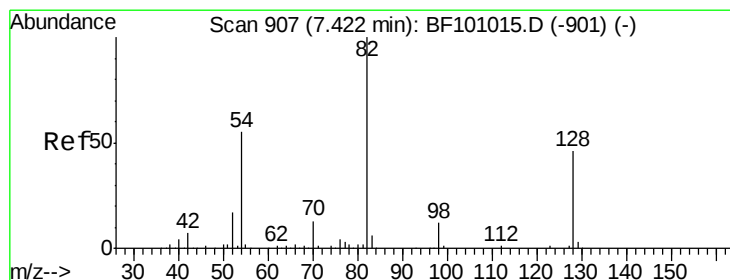
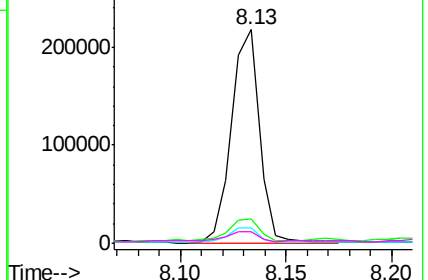
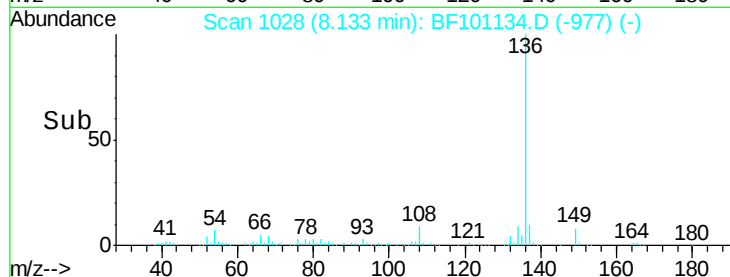


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.630 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF101134.D

Acq: 5 Dec 2017 19:42

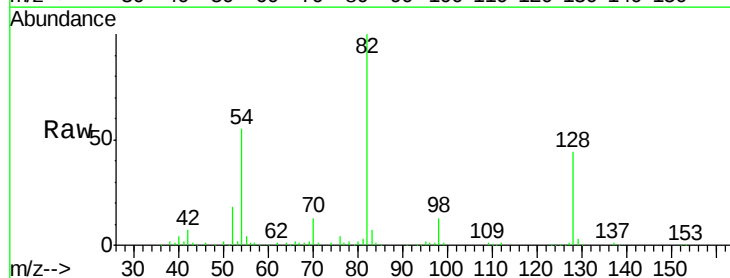
Tgt Ion: 82 Resp: 311042

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

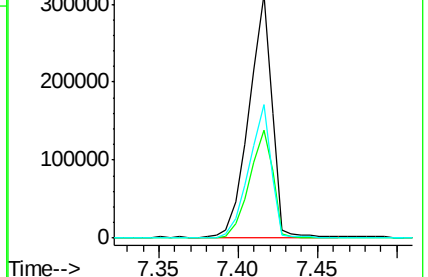
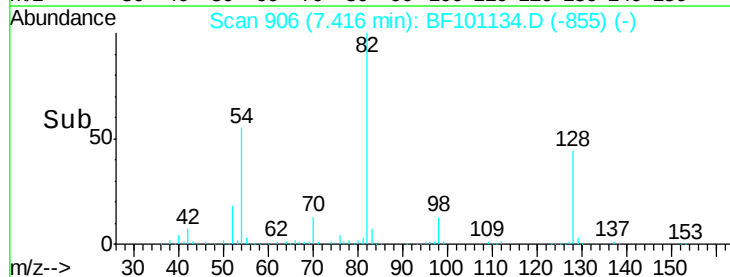
54 54.7 41.4 62.2

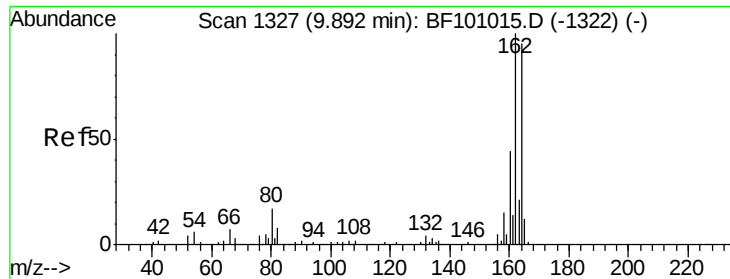


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

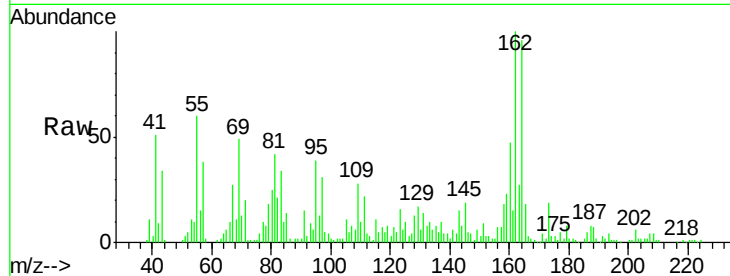




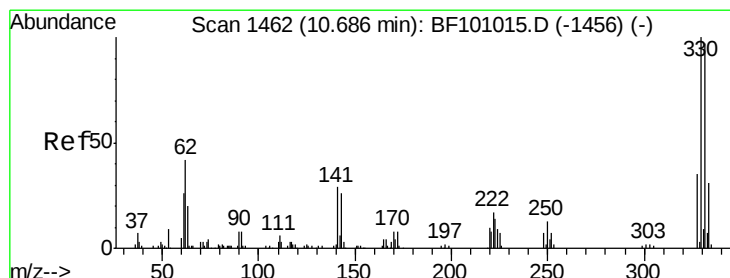
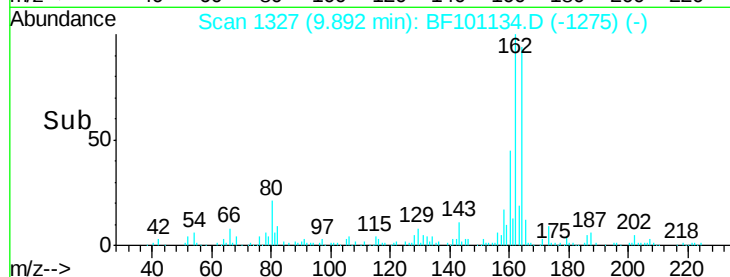
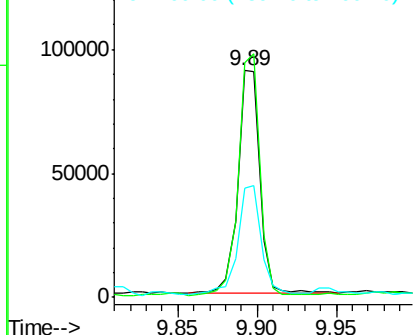
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF101134.D
Acq: 5 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(10-15)

Tot Ion:164 Resp: 86296
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 48.4 38.3 57.5

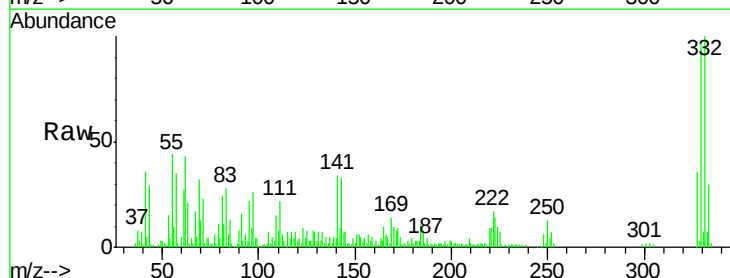


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

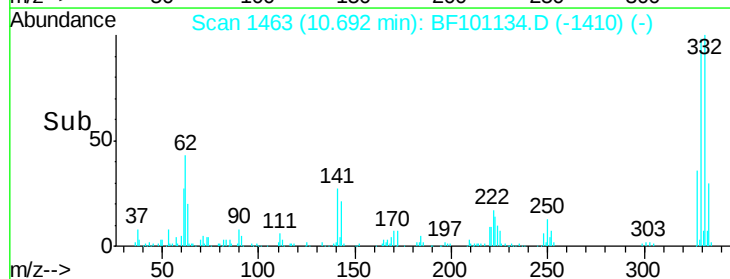
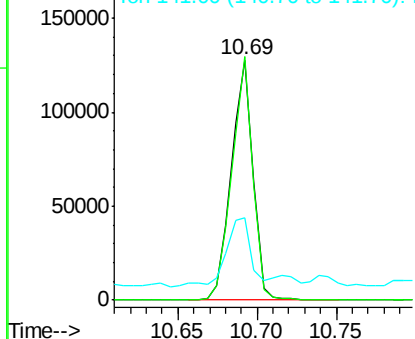


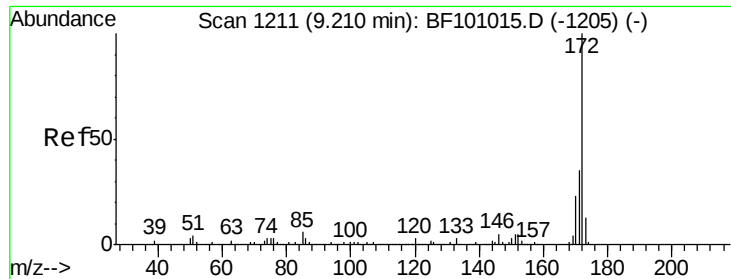
#41
2,4,6-Tribromophenol
Concen: 116.997 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF101134.D
Acq: 5 Dec 2017 19:42

Tgt Ion:330 Resp: 121286
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 33.6 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

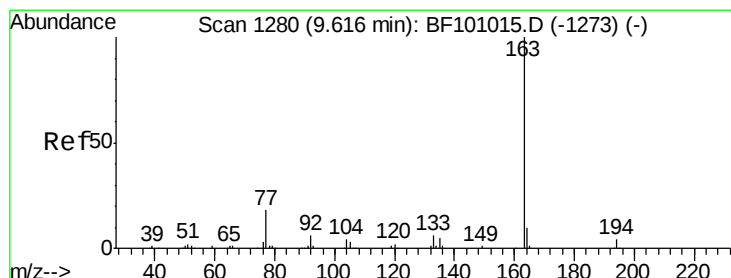
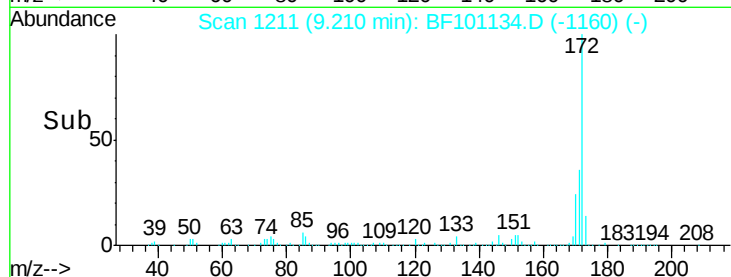
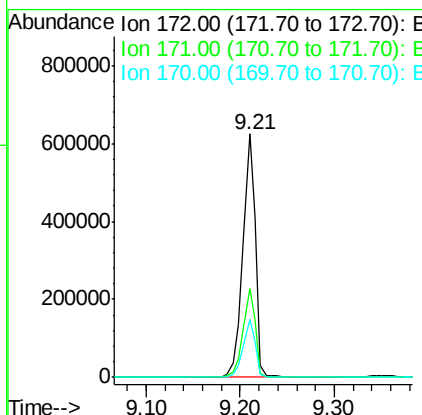
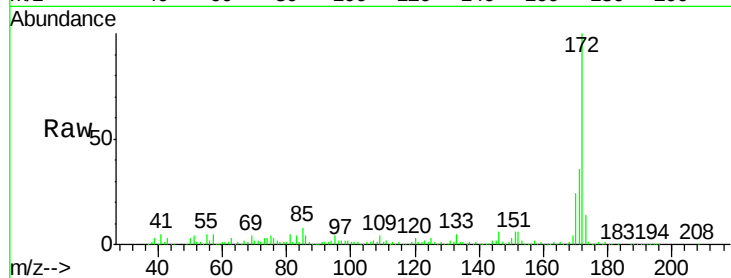




#44
2-Fluorobiphenyl
Concen: 91.802 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF101134.D
Acq: 5 Dec 2017 19:42

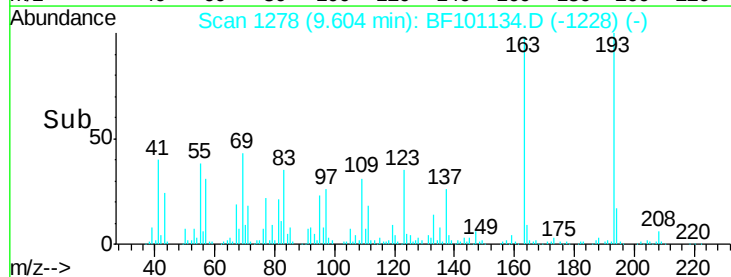
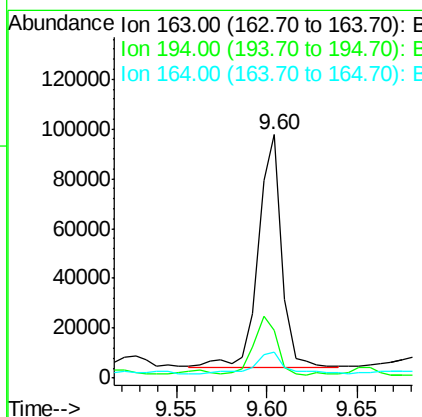
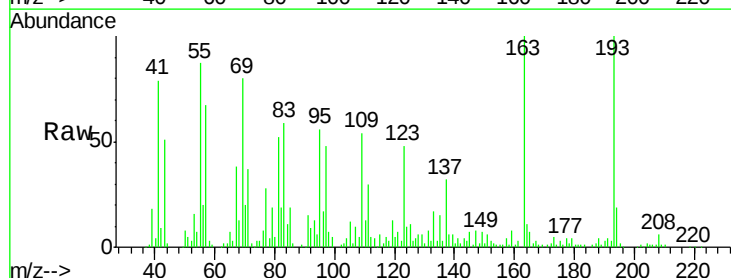
Instrument :
BNA_F
ClientSampleId :
ENV-105-6(10-15)

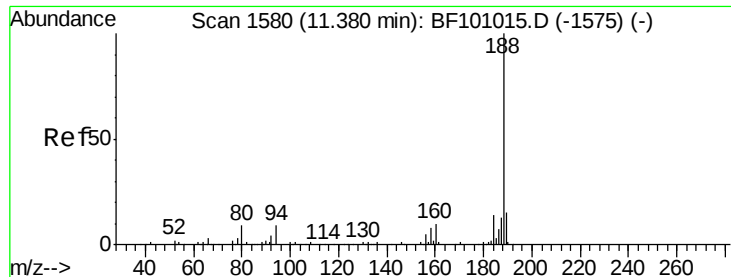
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4



#49
Dimethylphthalate
Concen: 12.055 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101134.D
Acq: 5 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	19.4	2.7	4.1#
164	10.6	8.2	12.2

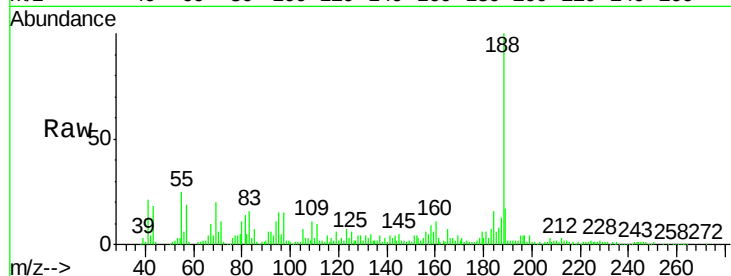




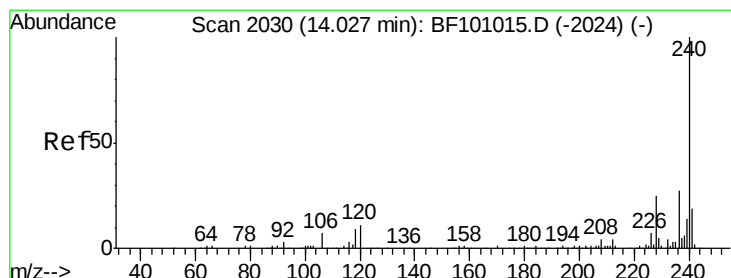
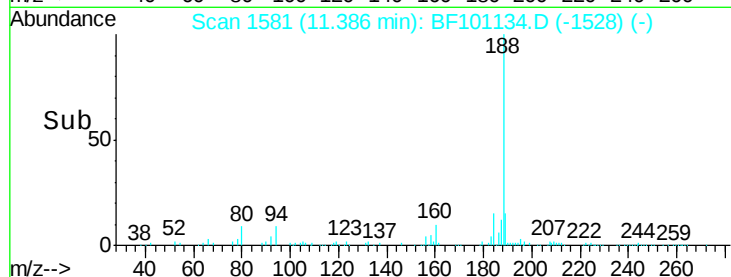
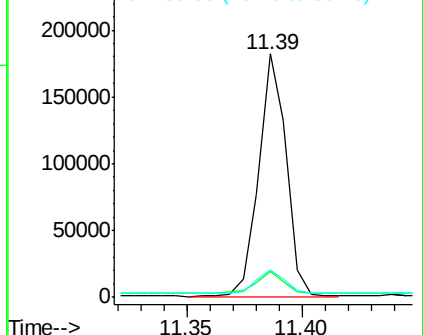
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101134.D
Acq: 5 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(10-15)

Tot Ion:188 Resp: 150190
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.1 9.2 13.8

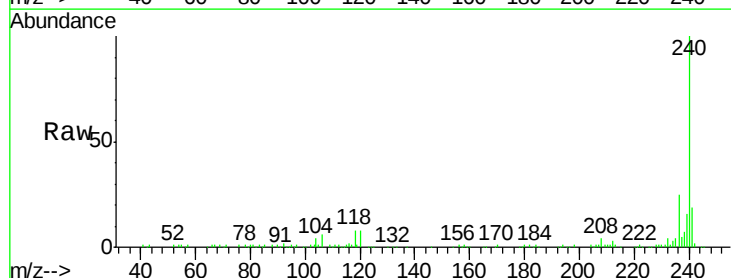


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

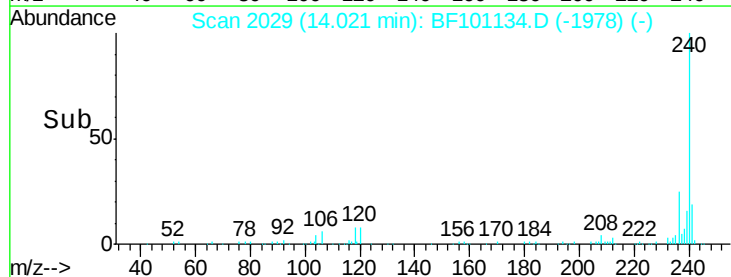
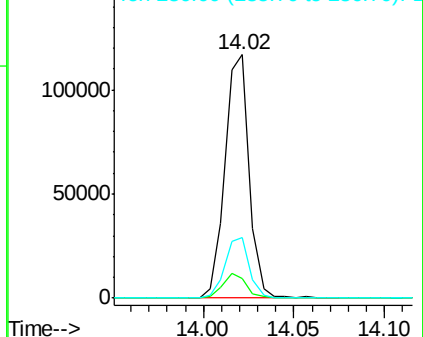


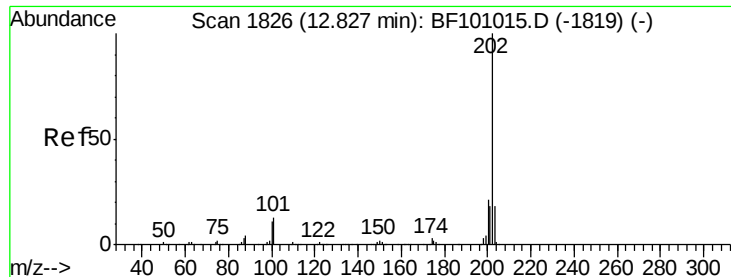
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101134.D
Acq: 5 Dec 2017 19:42

Tgt Ion:240 Resp: 109038
Ion Ratio Lower Upper
240 100
120 8.0 9.5 14.3#
236 24.6 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

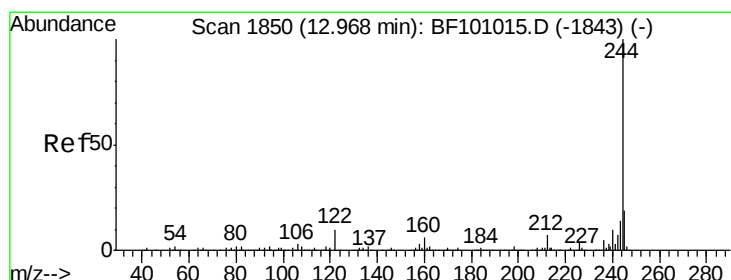
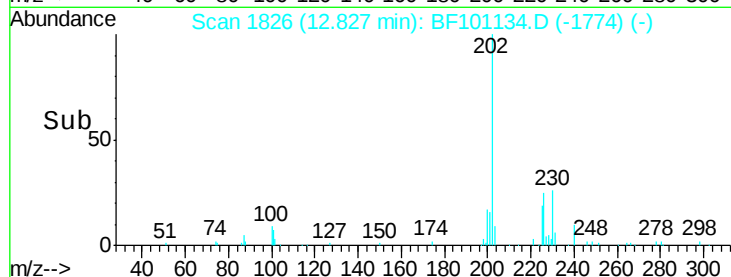
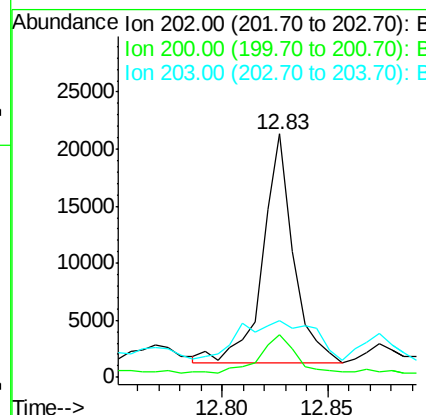
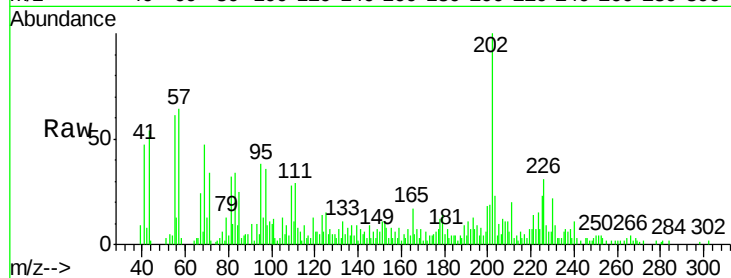




#77
Pvrene
Concen: 2.712 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF101134.D
Acq: 5 Dec 2017 19:42

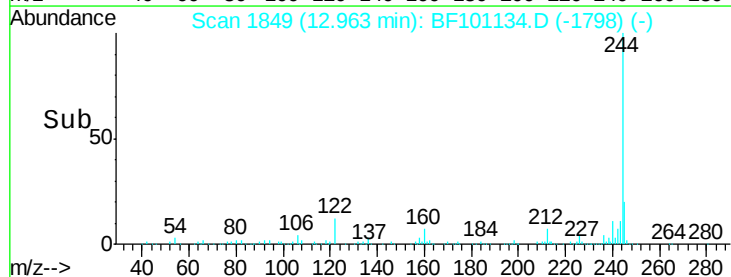
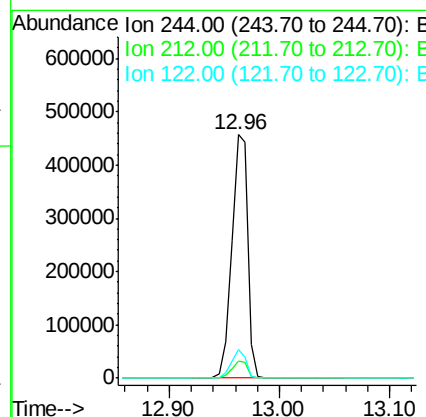
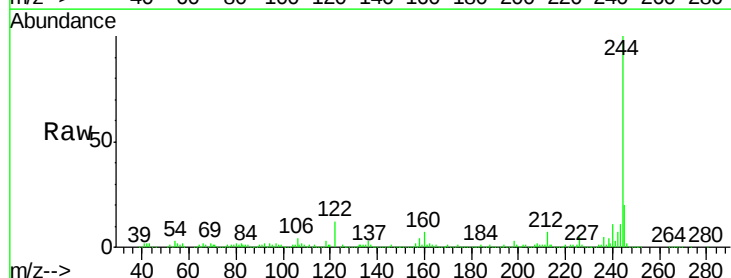
Instrument :
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ClientSampleId :
ENV-105-6(10-15)

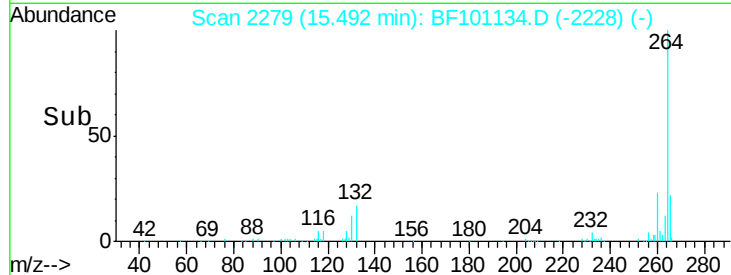
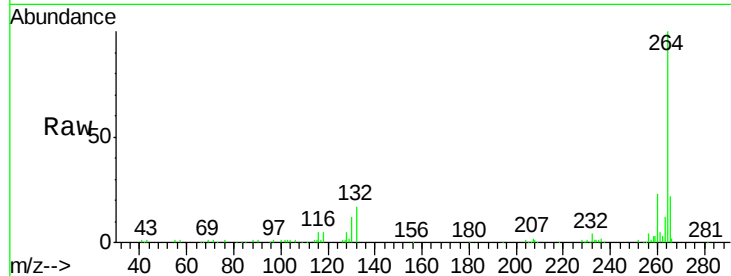
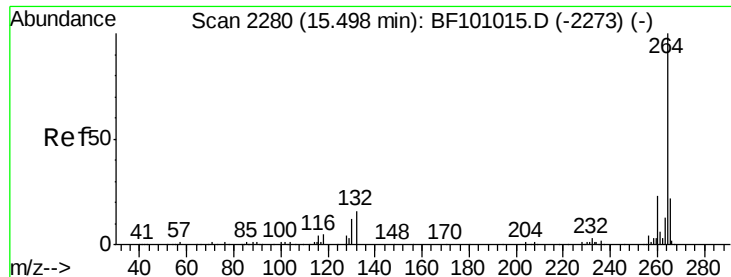
Tot Ion:202 Resp: 20408
Ion Ratio Lower Upper
202 100
200 17.6 17.4 26.2
203 23.4 14.3 21.5#



#78
Terphenyl-d14
Concen: 92.747 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101134.D
Acq: 5 Dec 2017 19:42

Tgt Ion:244 Resp: 462355
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 11.9 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101134.D
 Acq: 5 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(10-15)

Tot Ion:264	Resp:	115316
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.2 28.8
265	21.8	17.5 26.3

