

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 14:38:49 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

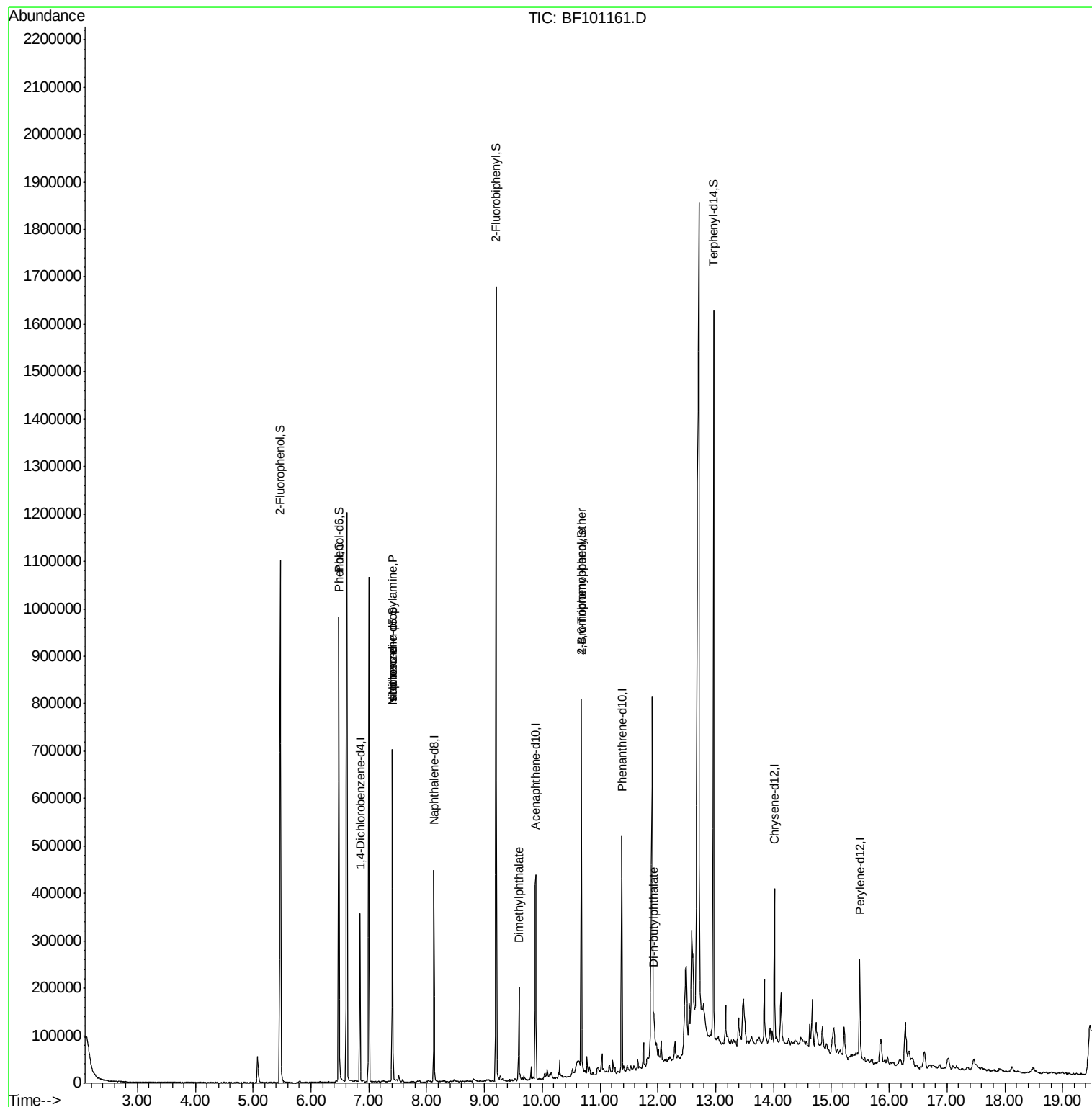
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	46477	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	185284	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	88761	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	178605	20.00	ng	0.00
75) Chrysene-d12	14.02	240	114212	20.00	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
19) n-Nitroso-di-n-propylamine	7.41	70	31067	13.509	ng	# 85
25) Isophorone	7.41	82	236391	44.556	ng	# 64
49) Dimethylphthalate	9.60	163	81680	11.410	ng	98
66) 4-Bromophenyl-phenylether	10.67	248	5430	2.716	ng	# 1
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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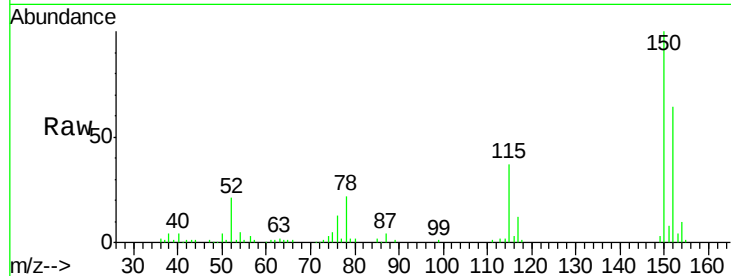


#1

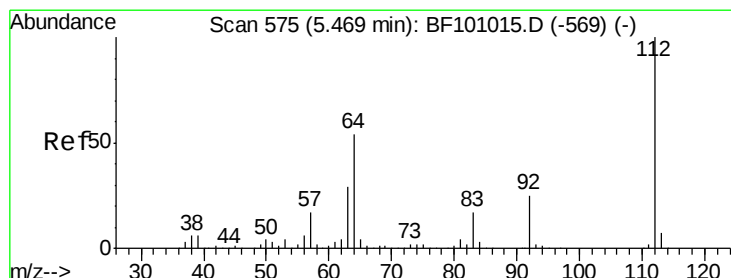
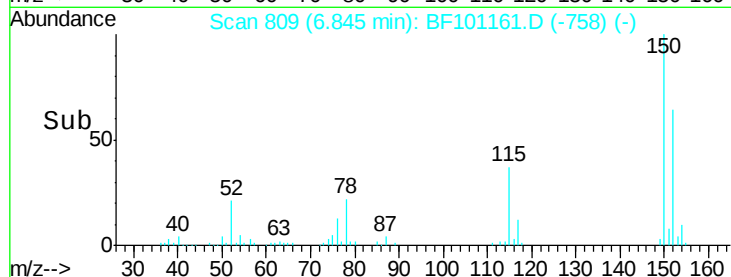
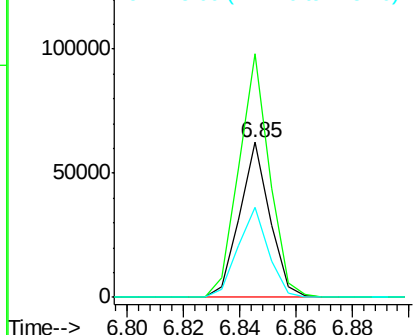
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

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



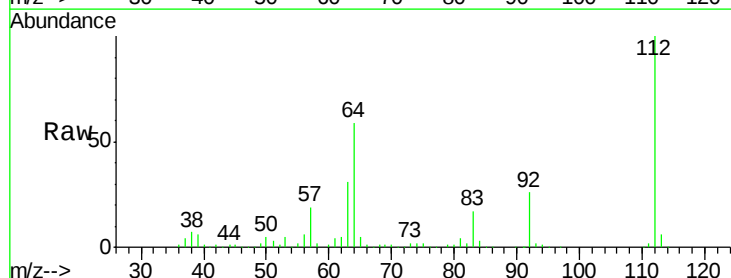
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



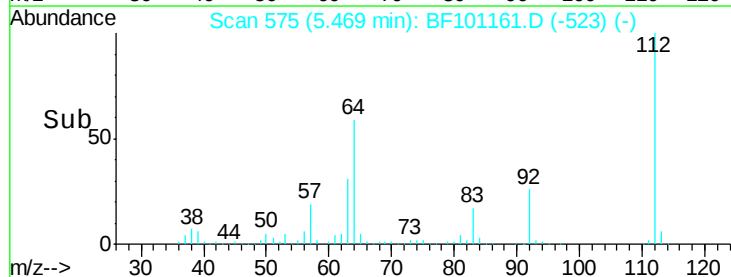
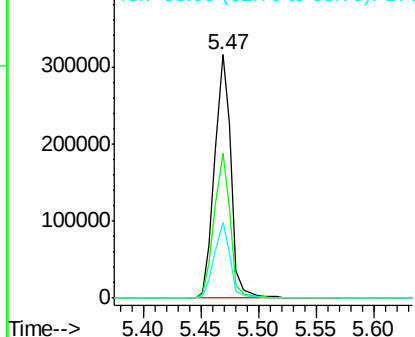
#5

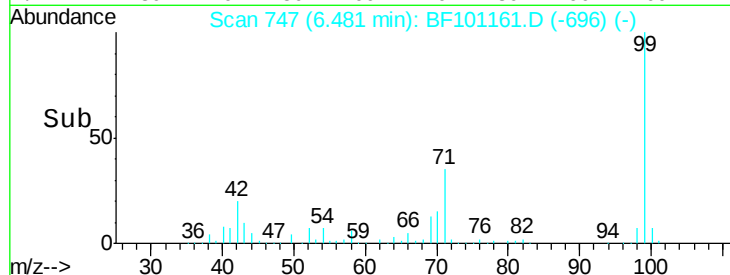
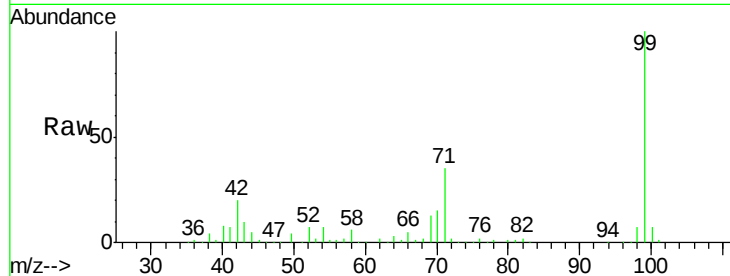
2-Fluorophenol
Concen: 110.543 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

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)

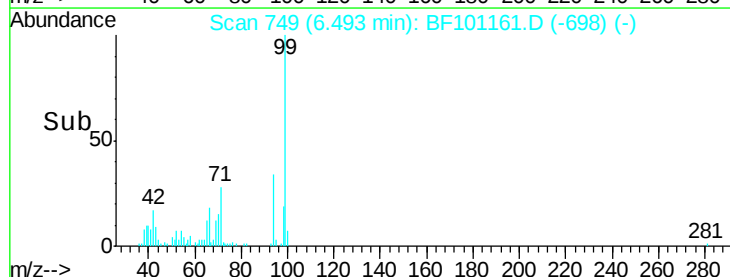
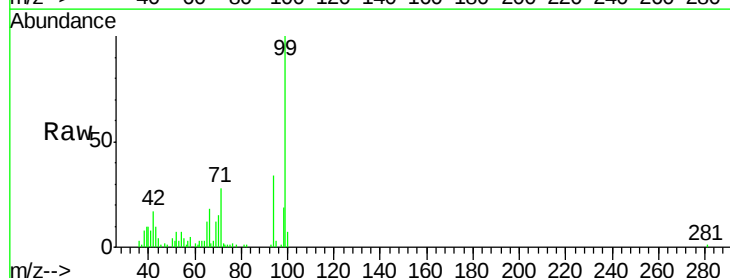
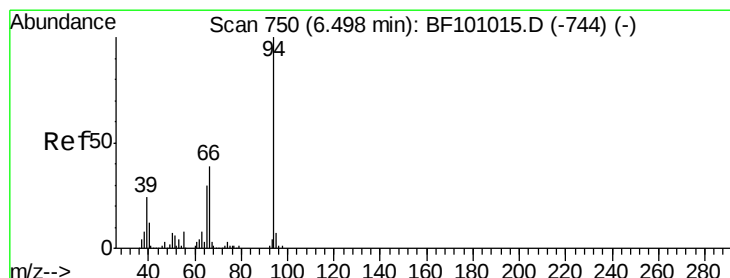
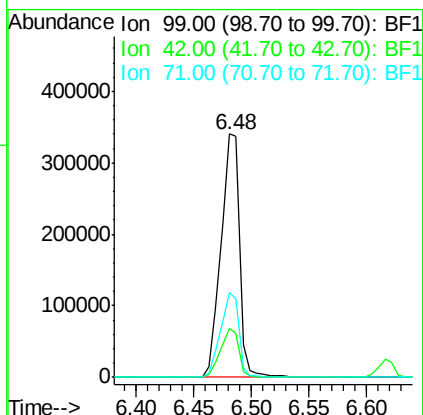
Tot Ion: 99 Resp: 382763

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 35.1 25.4 38.0



#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

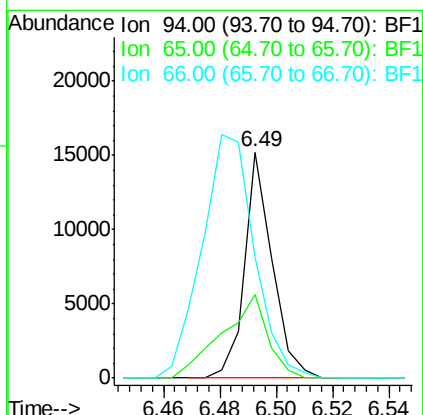
Tgt Ion: 94 Resp: 10333

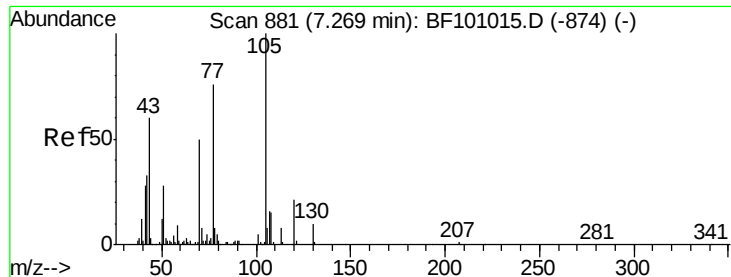
Ion Ratio Lower Upper

94 100

65 37.1 7.9 47.9

66 53.7 16.2 56.2

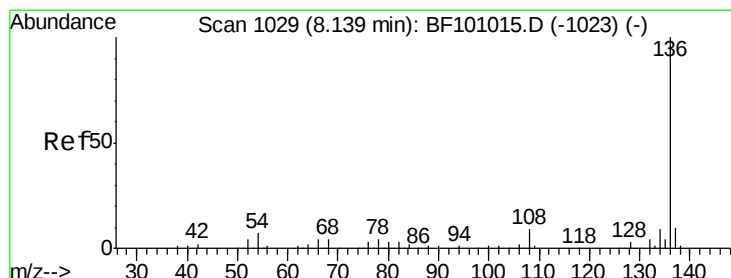
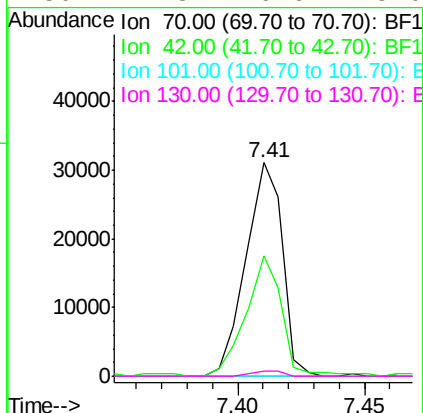
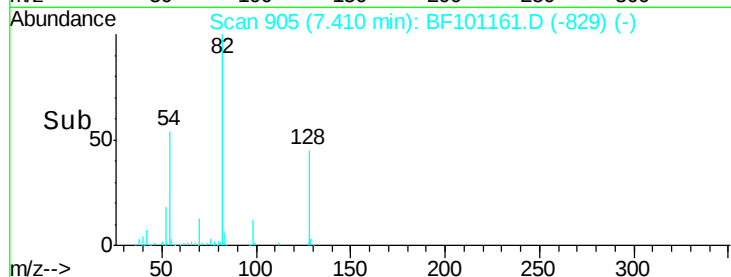
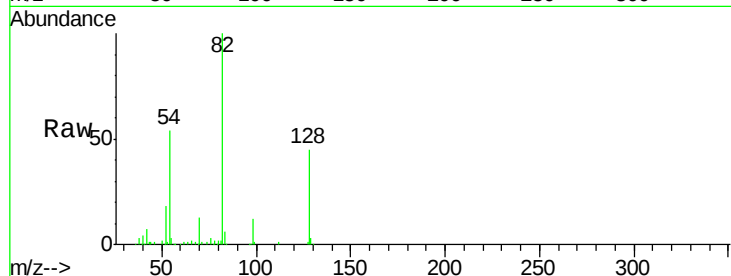




#19
n-Nitroso-di-n-propylamine
Concen: 13.509 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

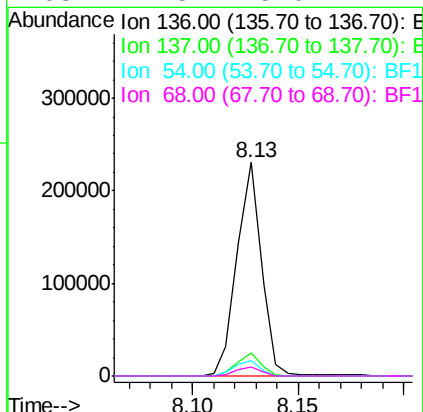
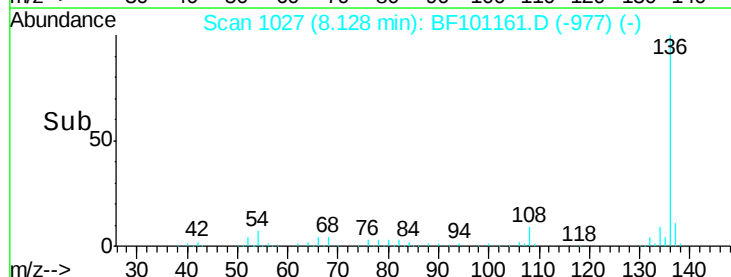
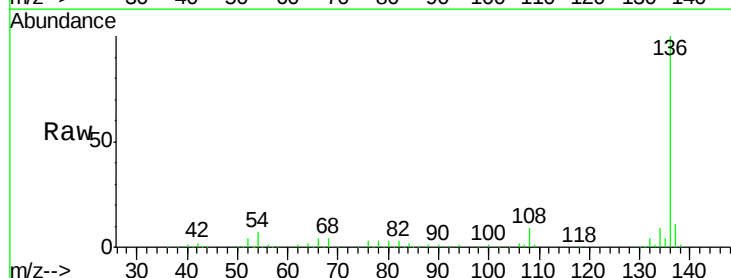
Instrument :
BNA_F
ClientSampleId :
ENV-109-6(5-10)

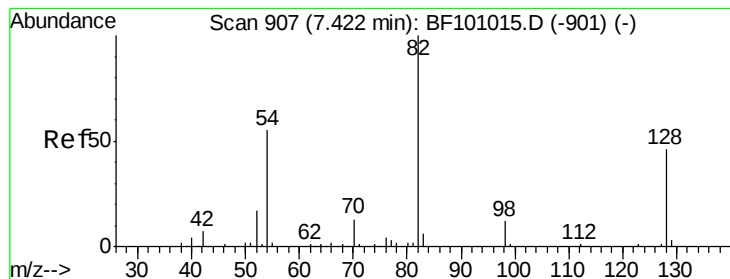
Tot Ion: 70 Resp: 31067
Ion Ratio Lower Upper
70 100
42 56.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

ENV-109-6(5-10)

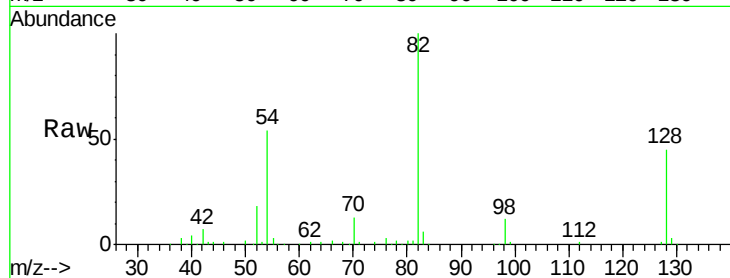
Tot Ion: 82 Resp: 236393

Ion Ratio Lower Upper

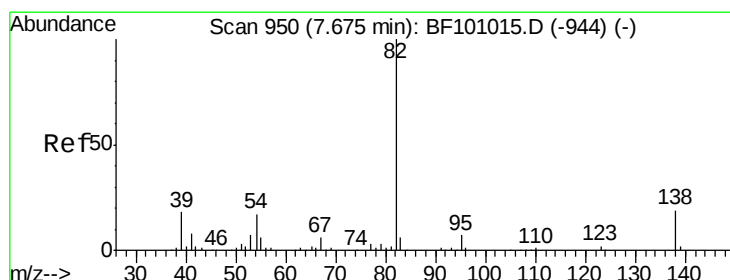
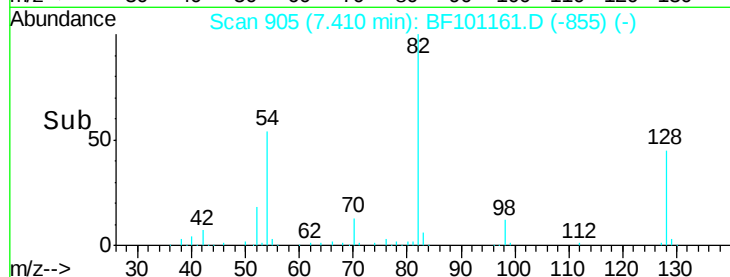
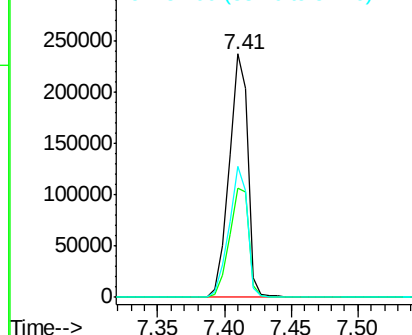
82 100

128 44.8 36.1 54.1

54 53.9 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: 44.556 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101161.D

Acq: 6 Dec 2017 12:23

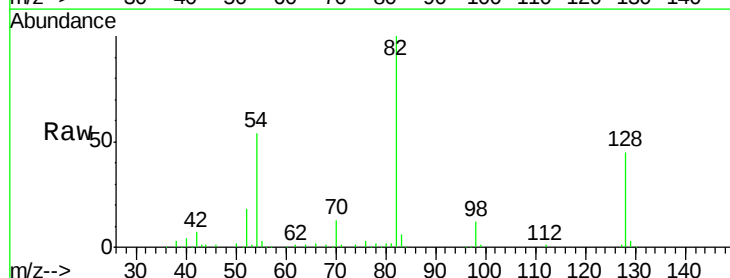
Tgt Ion: 82 Resp: 236391

Ion Ratio Lower Upper

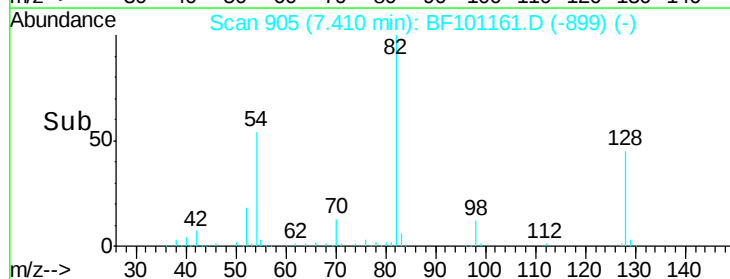
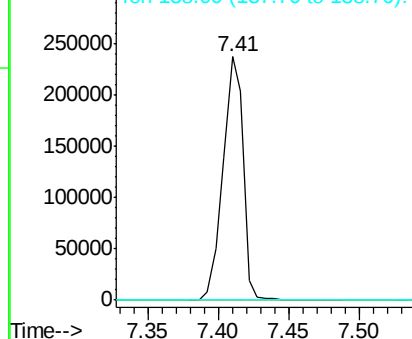
82 100

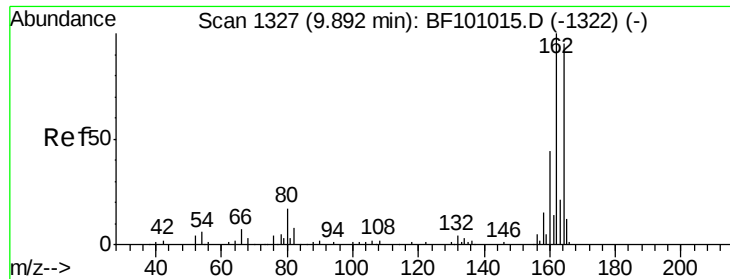
95 0.0 5.2 7.8#

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

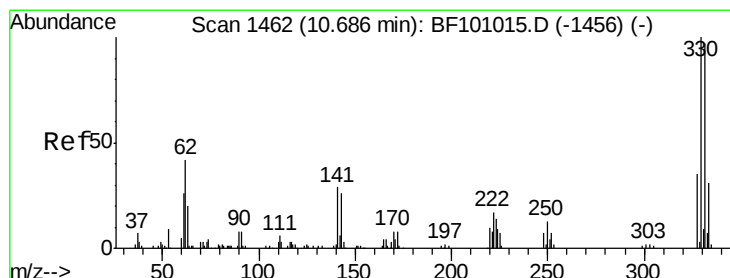
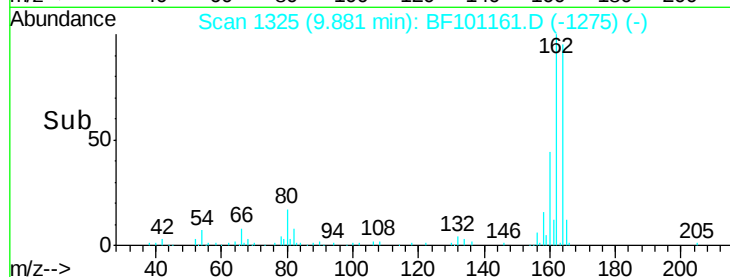
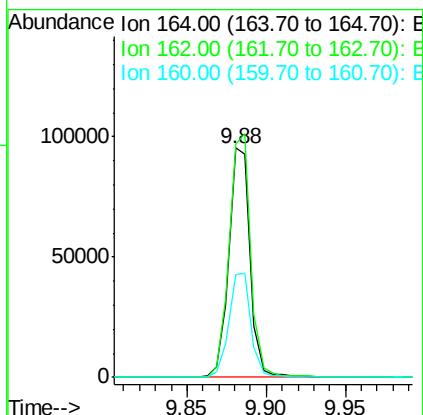
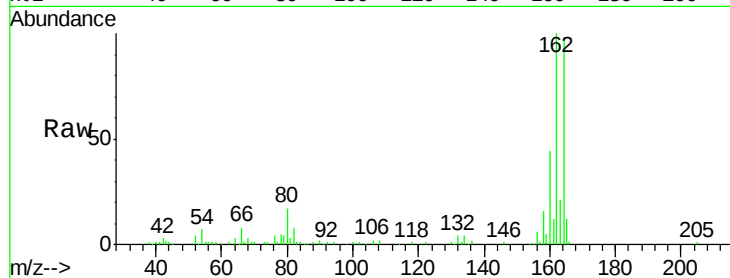




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101161.D
 Acq: 6 Dec 2017 12:23

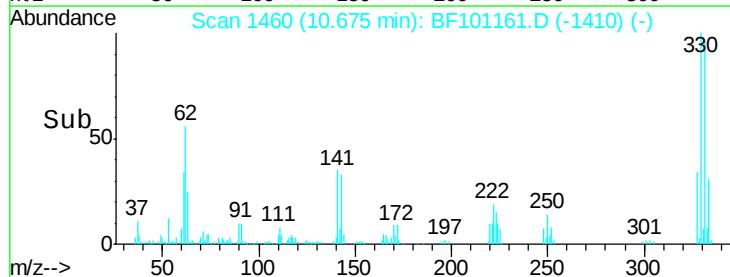
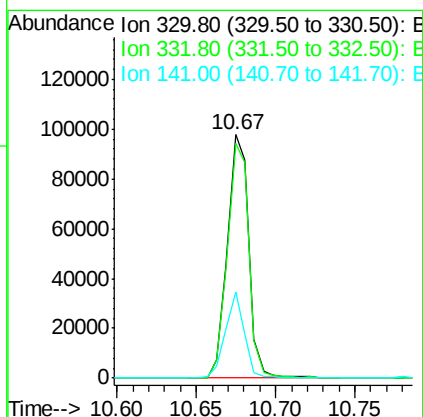
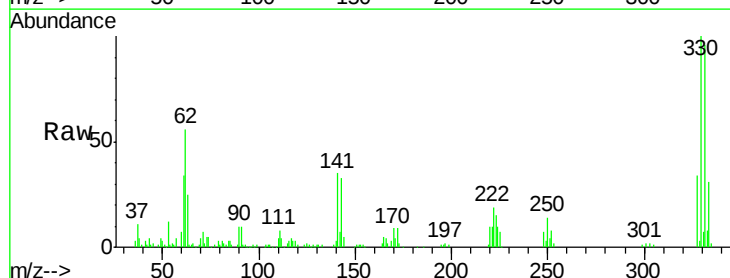
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 BNA_F
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 ENV-109-6(5-10)

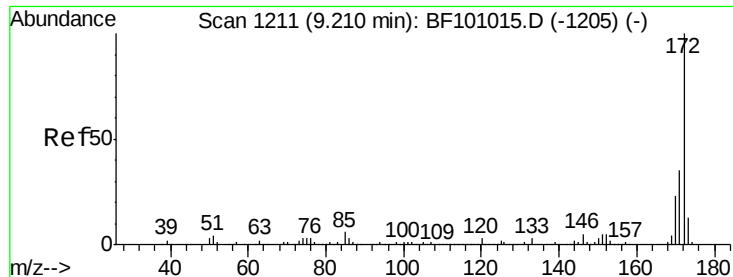
Tot Ion:164 Resp: 88761
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 44.7 38.3 57.5



#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

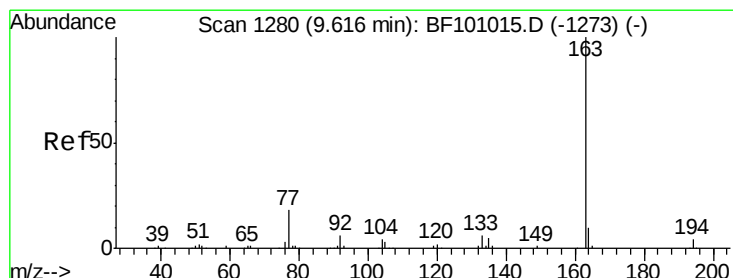
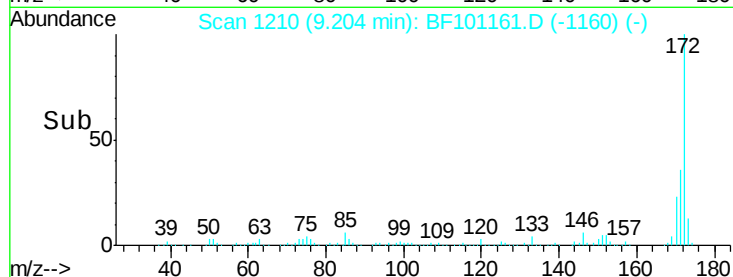
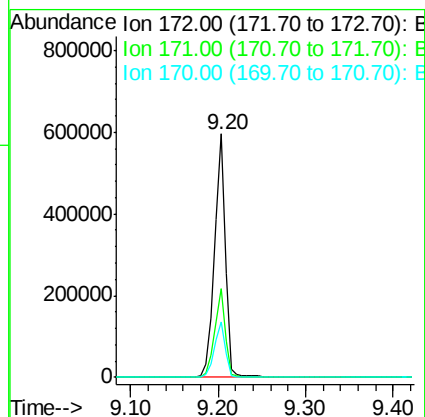
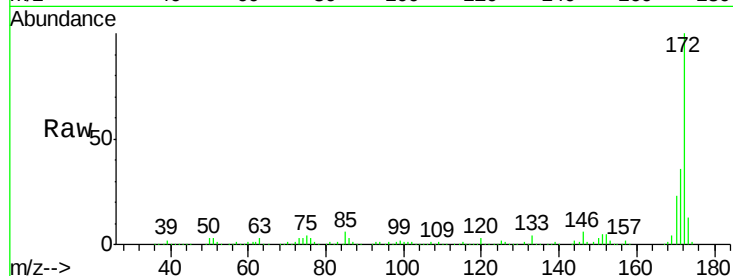




#44
2-Fluorobiphenyl
Concen: 80.356 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

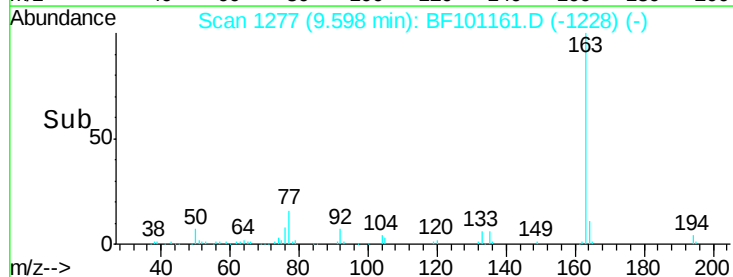
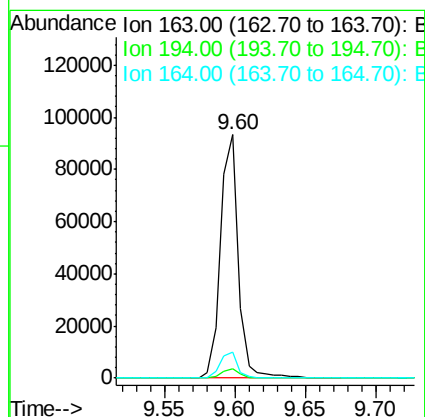
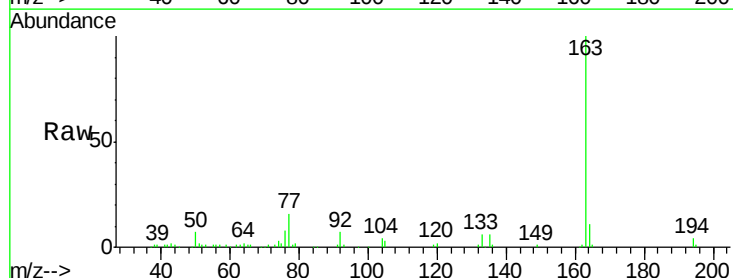
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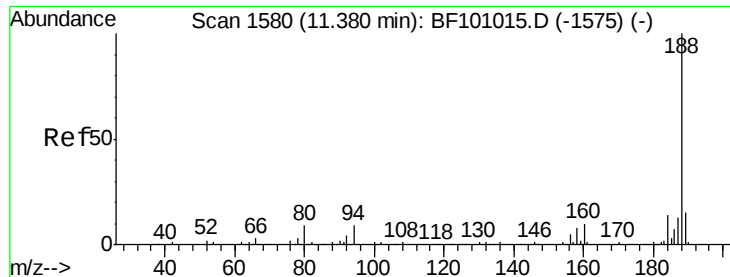
Tot Ion:172 Resp: 521304
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.0 19.6 29.4



#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

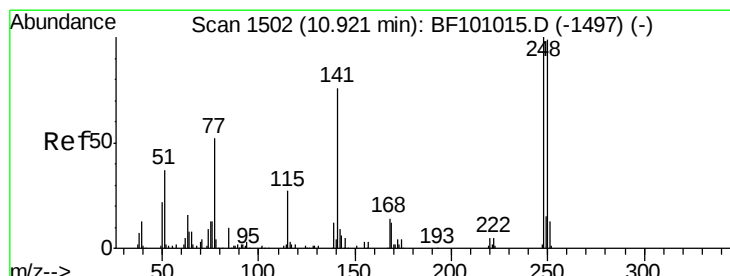
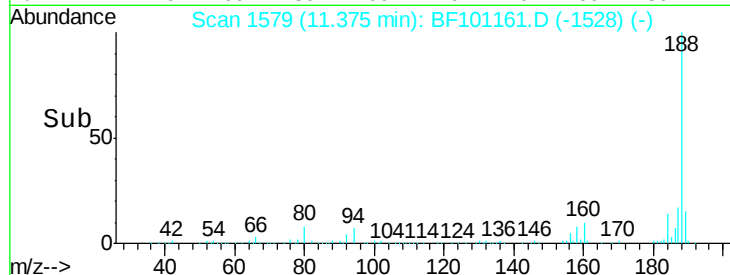
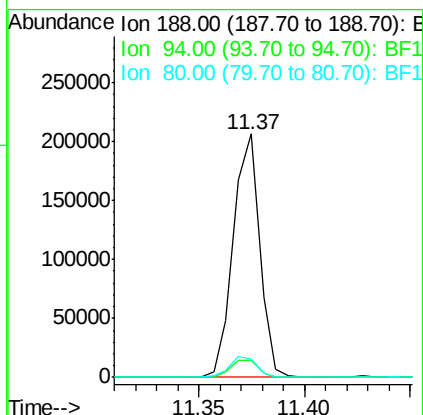
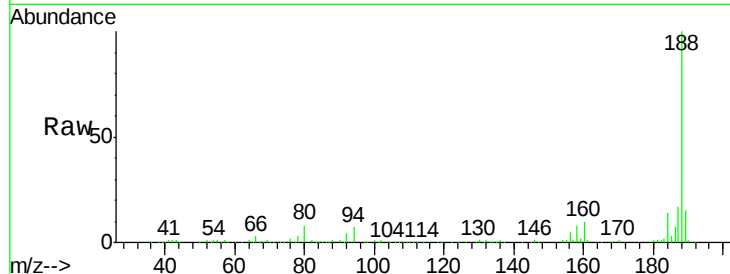




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

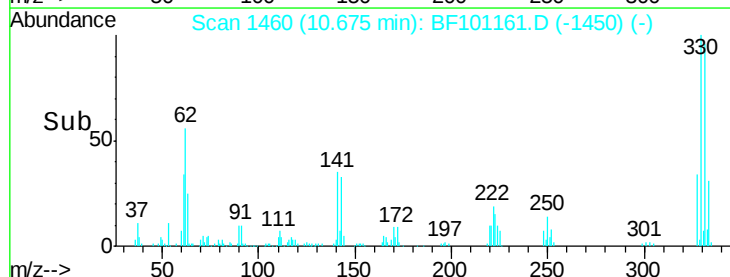
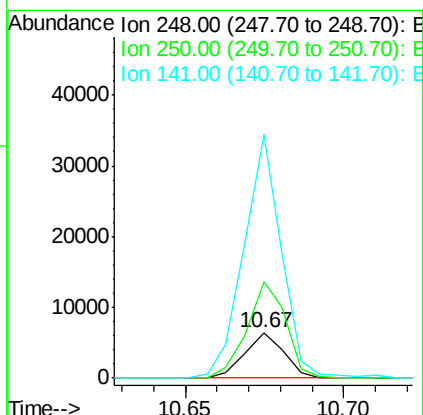
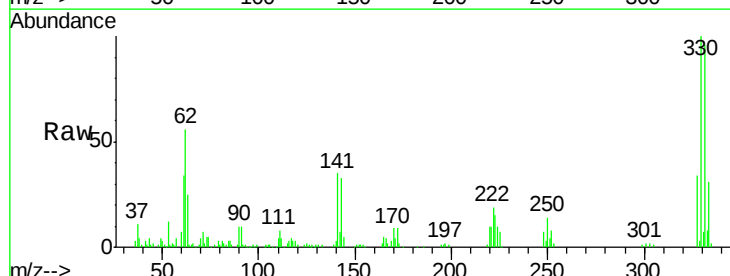
Instrument :
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ENV-109-6(5-10)

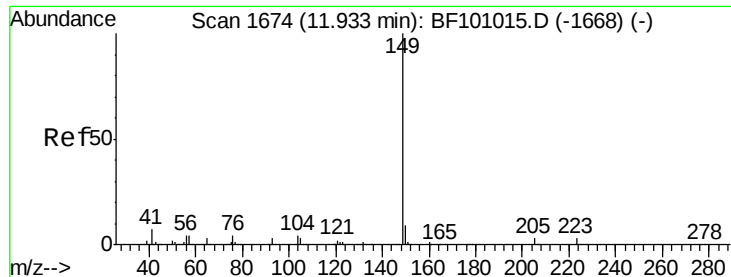
Tot Ion:188 Resp: 178605
Ion Ratio Lower Upper
188 100
94 6.8 8.5 12.7#
80 7.7 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.716 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

Tgt Ion:248 Resp: 5430
Ion Ratio Lower Upper
248 100
250 211.4 76.9 115.3#
141 536.7 74.4 111.6#

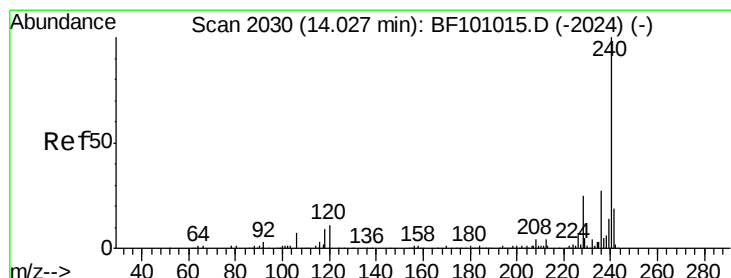
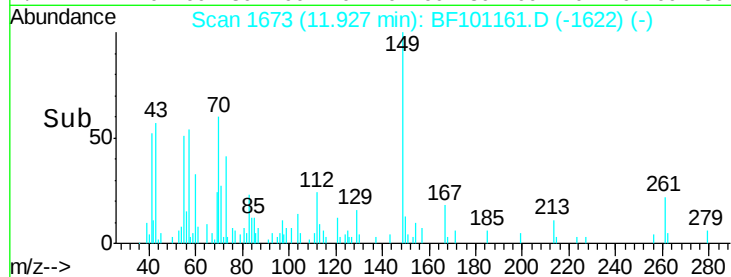
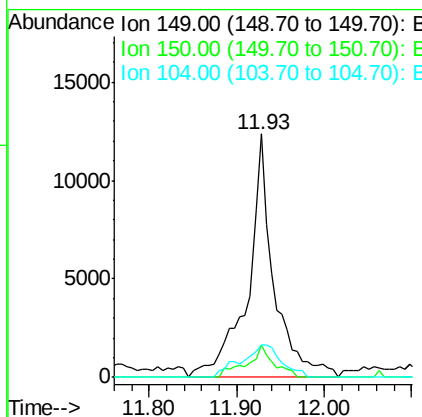
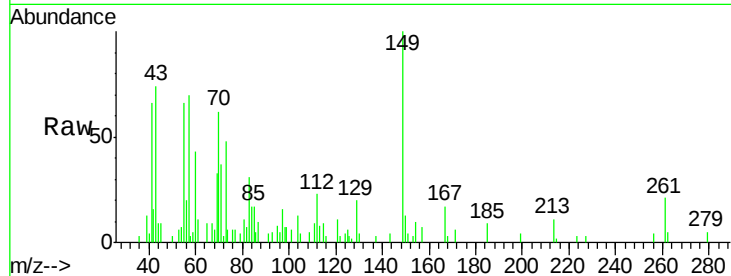




#73
Di-n-butylphthalate
Concen: 2.204 ng
RT: 11.93 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BF101161.D
Acq: 6 Dec 2017 12:23

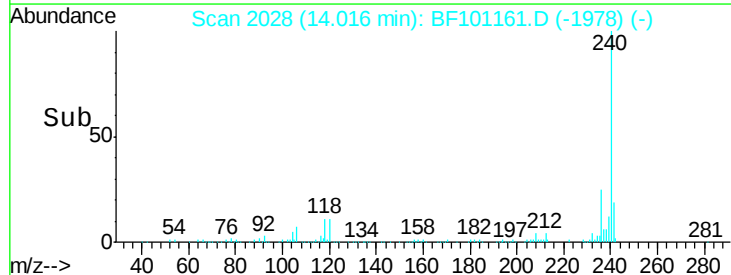
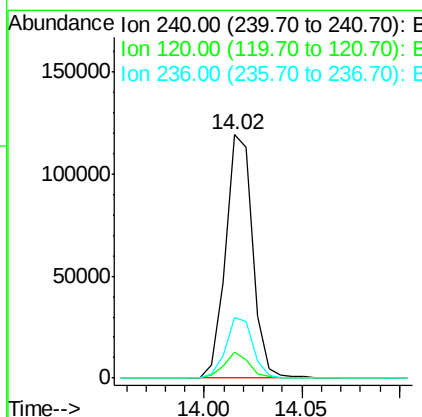
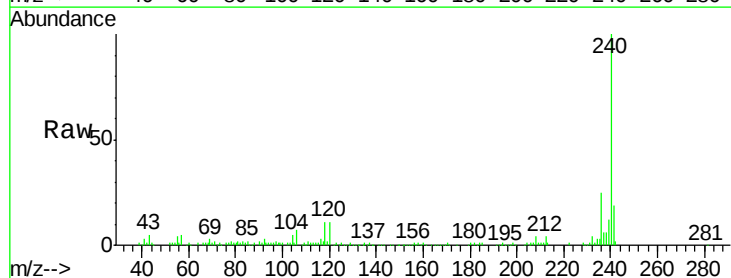
Instrument :
BNA_F
ClientSampleId :
ENV-109-6(5-10)

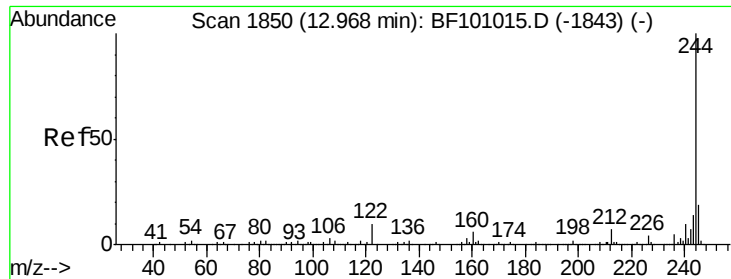
Tot Ion:149 Resp: 25125
Ion Ratio Lower Upper
149 100
150 13.1 7.8 11.6#
104 13.4 3.8 5.8#



#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

Tgt Ion:240 Resp: 114212
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 25.1 20.7 31.1

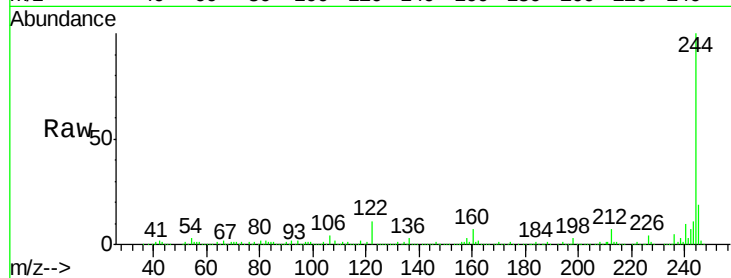




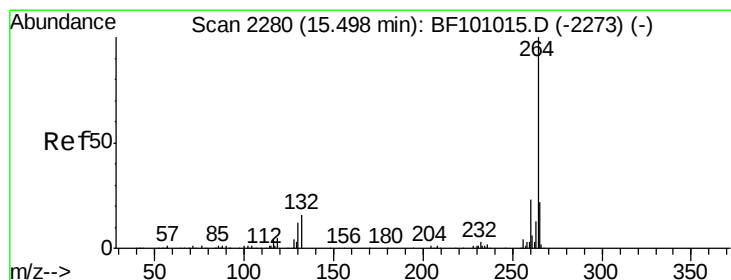
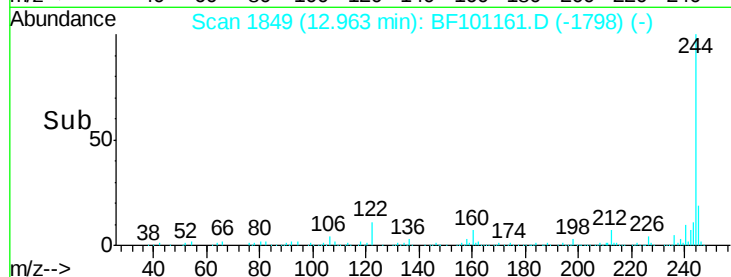
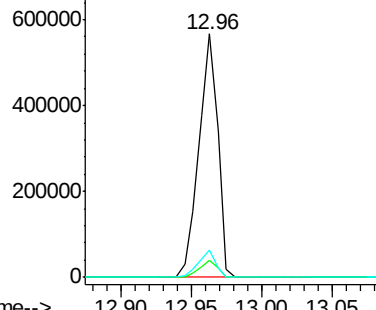
#78
 Terphenyl-d14
 Concen: 101.073 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101161.D
 Acq: 6 Dec 2017 12:23

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

Tot Ion:244 Resp: 527770
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.1 11.0 16.4

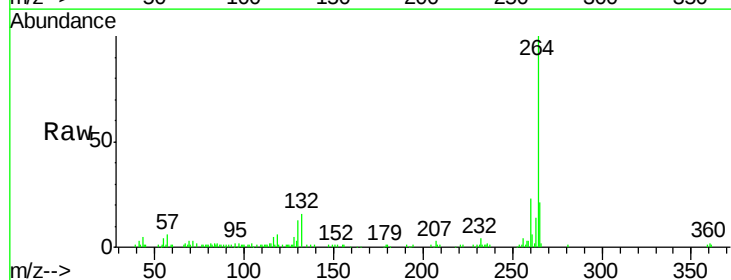


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-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

Tgt Ion:264 Resp: 97353
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

