

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099898.D
 Acq On : 28 Oct 2017 1:59
 Operator : SJ/JU
 Sample : I6029-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-6(10-15)

Quant Time: Oct 28 04:07:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

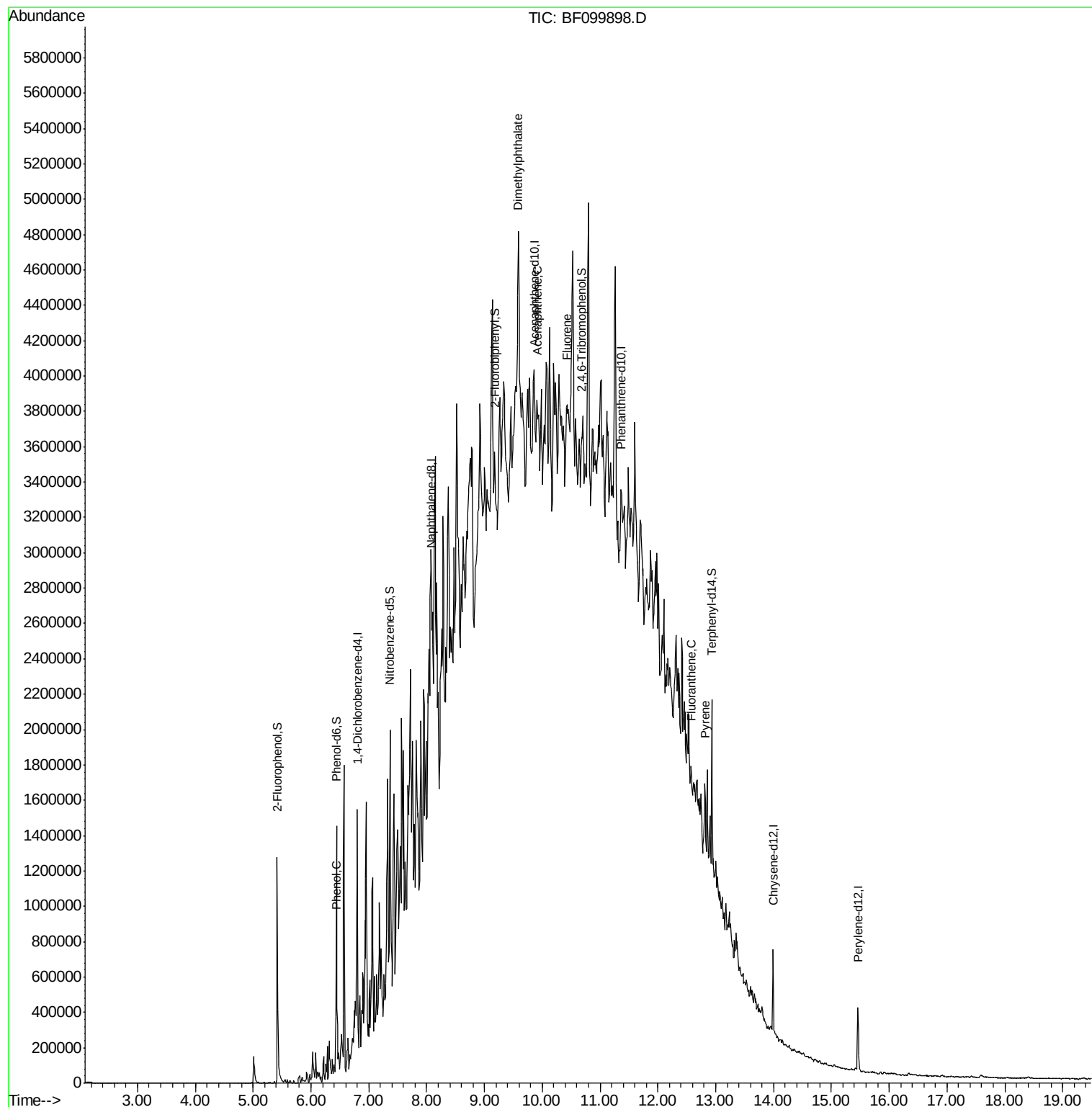
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	89401	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	270173	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	89503	20.00	ng	0.04
63) Phenanthrene-d10	11.37	188	141566	20.00	ng	0.04
75) Chrysene-d12	13.99	240	145967	20.00	ng	0.00
86) Perylene-d12	15.46	264	167113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	478197	83.98	ng	0.00
7) Phenol-d6	6.44	99	551278	81.65	ng	0.00
23) Nitrobenzene-d5	7.37	82	285955	68.14	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	61975	75.98	ng	0.04
44) 2-Fluorobiphenyl	9.17	172	420079	72.41	ng	0.02
78) Terphenyl-d14	12.93	244	311330	46.61	ng	0.01
Target Compounds						
10) Phenol	6.45	94	30795	4.154	ng	92
49) Dimethylphthalate	9.57	163	54760	7.726	ng	# 48
51) Acenaphthene	9.91	154	46117	8.334	ng	# 58
57) Fluorene	10.43	166	95609	14.783	ng	# 66
74) Fluoranthene	12.58	202	25224	3.038	ng	67
77) Pyrene	12.81	202	101822	9.174	ng	# 81

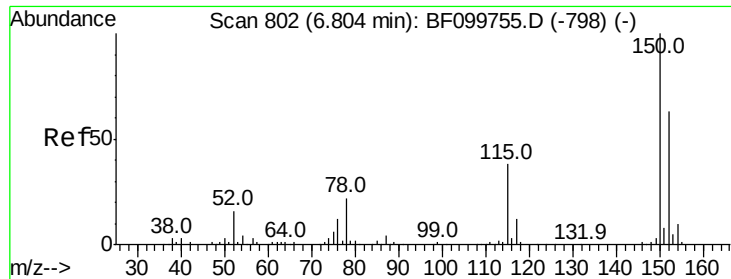
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099898.D
Acq On : 28 Oct 2017 1:59
Operator : SJ/JU
Sample : I6029-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(10-15)

Quant Time: Oct 28 04:07:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration



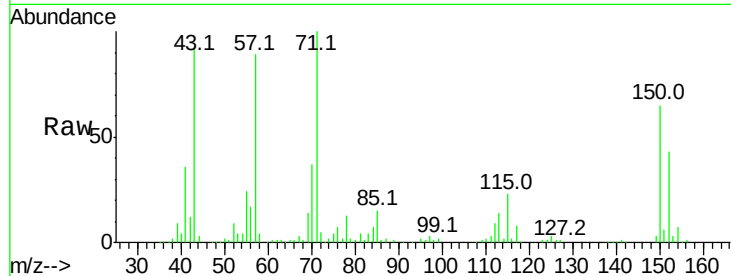


#1

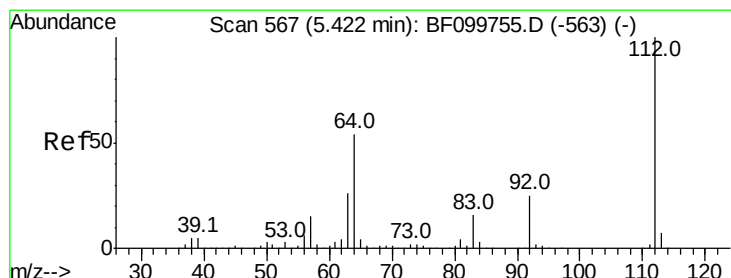
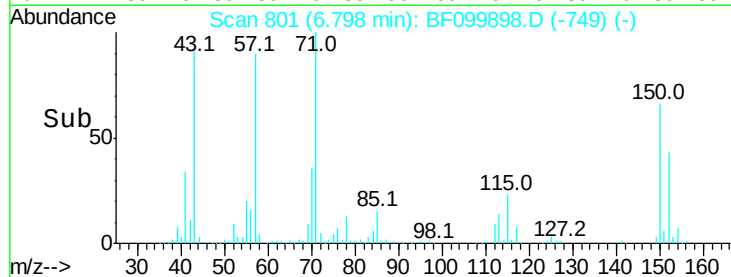
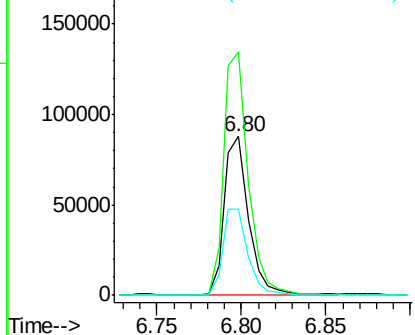
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(10-15)

Tot Ion:152 Resp: 89401
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 54.0 50.1 75.1



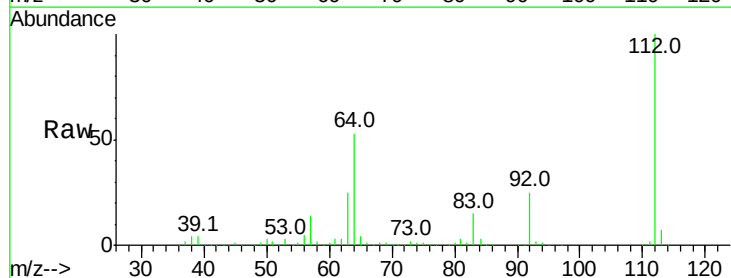
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



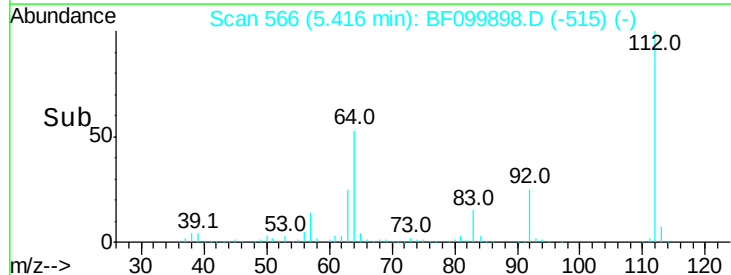
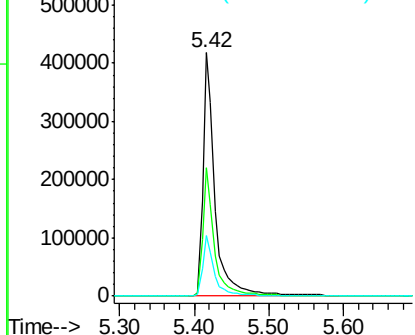
#5

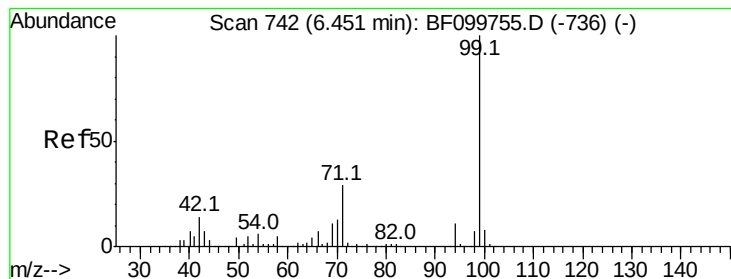
2-Fluorophenol
Concen: 83.976 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:112 Resp: 478197
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 24.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.646 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(10-15)

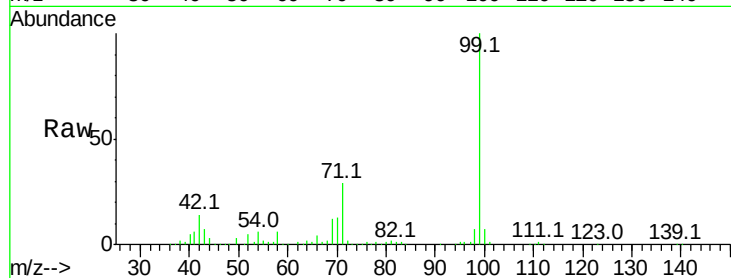
Tot Ion: 99 Resp: 551278

Ion Ratio Lower Upper

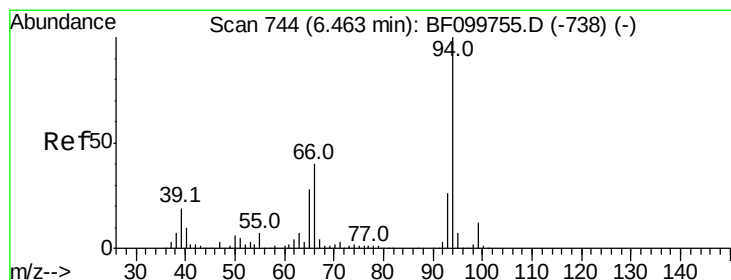
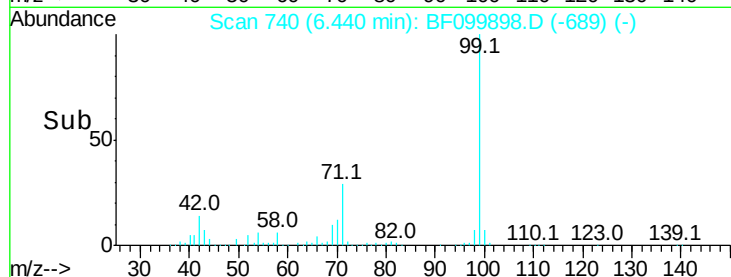
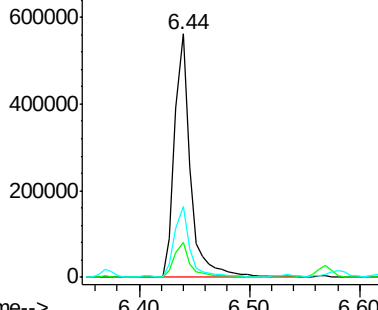
99 100

42 14.2 14.5 21.7#

71 29.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.154 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

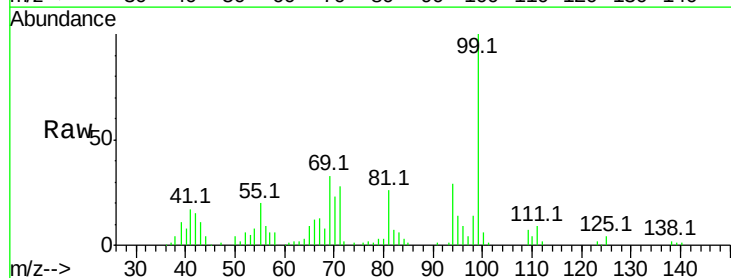
Tgt Ion: 94 Resp: 30795

Ion Ratio Lower Upper

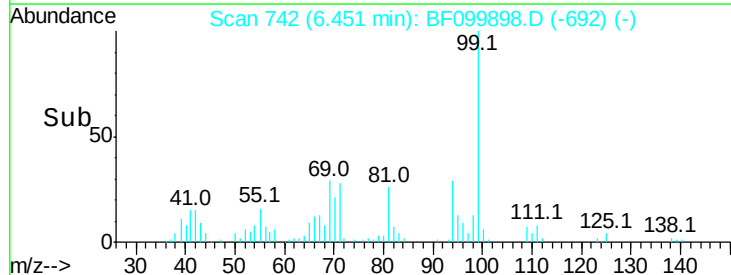
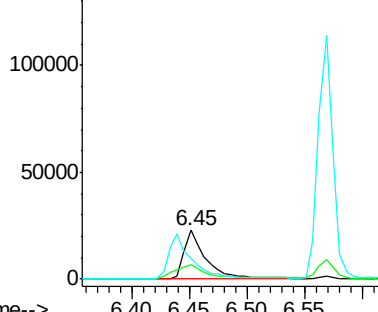
94 100

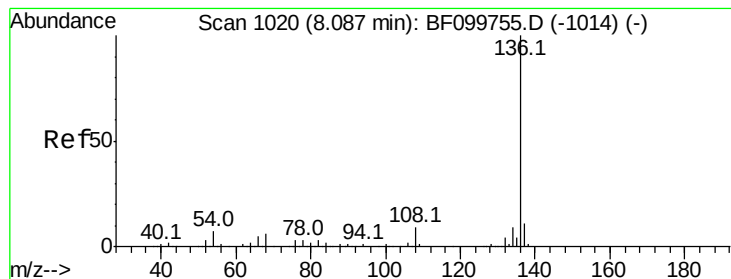
65 30.6 7.9 47.9

66 41.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(10-15)

Tot Ion:136 Resp: 270173

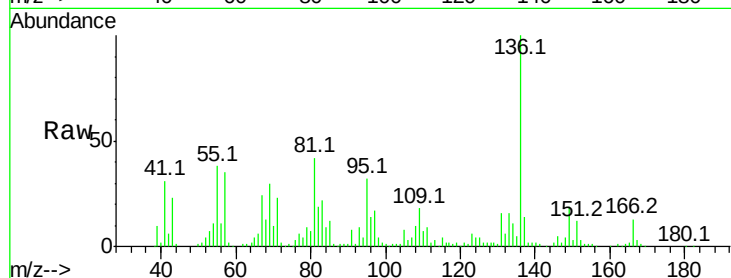
Ion Ratio Lower Upper

136 100

137 13.9 8.9 13.3#

54 10.7 6.6 9.8#

68 13.3 5.0 7.4#

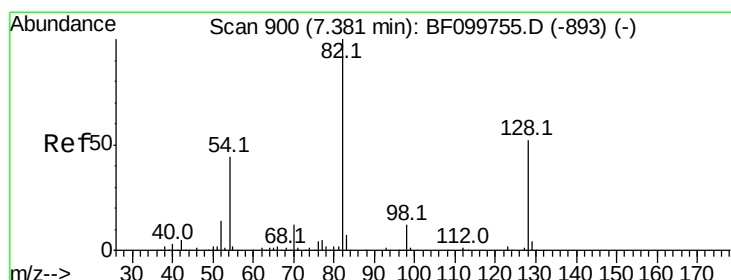
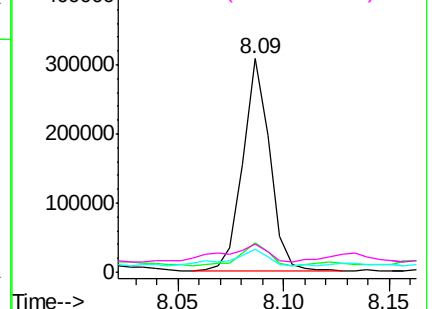
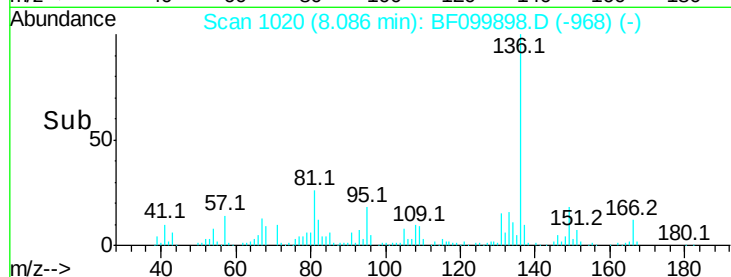


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 68.141 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

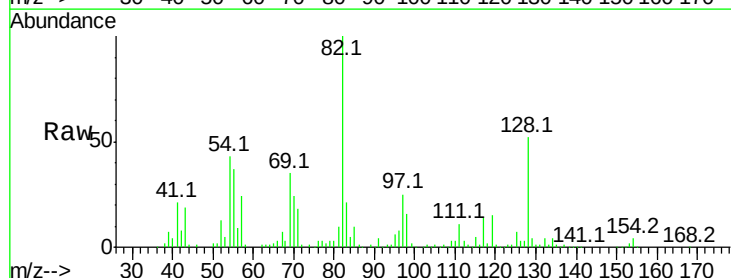
Tgt Ion: 82 Resp: 285955

Ion Ratio Lower Upper

82 100

128 52.1 36.1 54.1

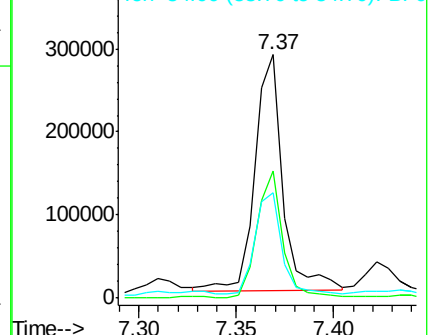
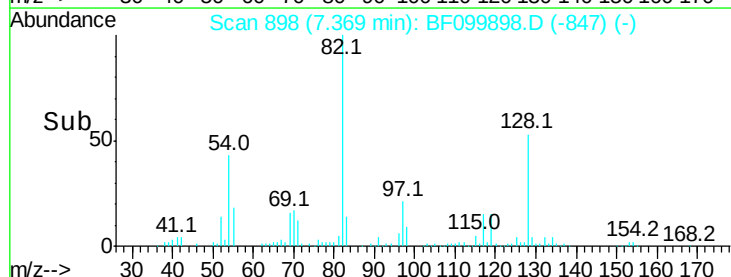
54 43.2 41.4 62.2

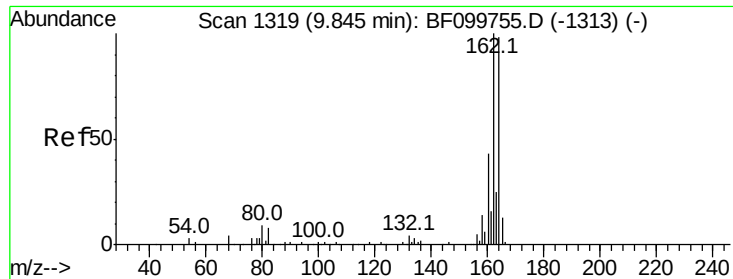


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

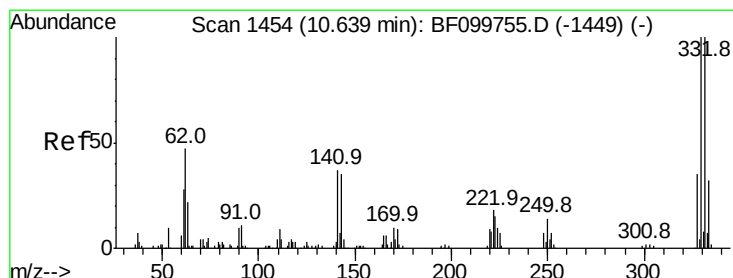
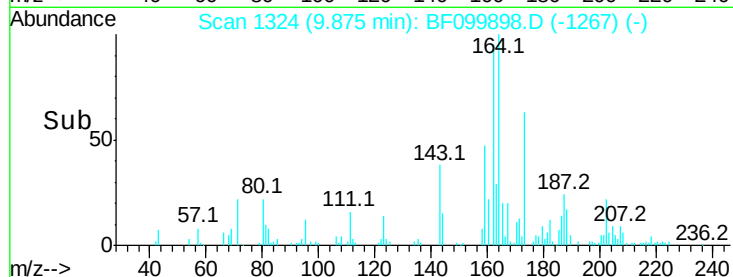
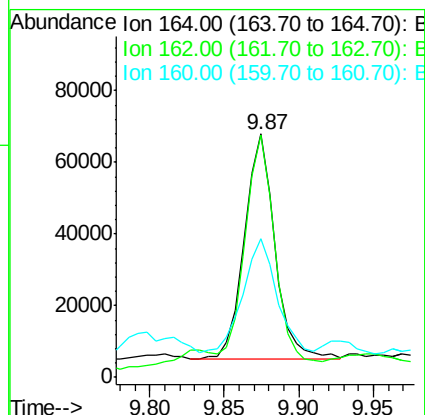
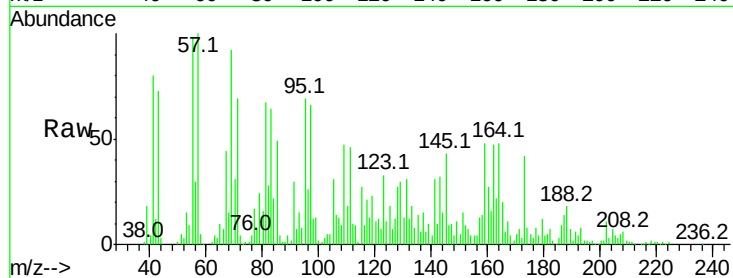




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.04 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

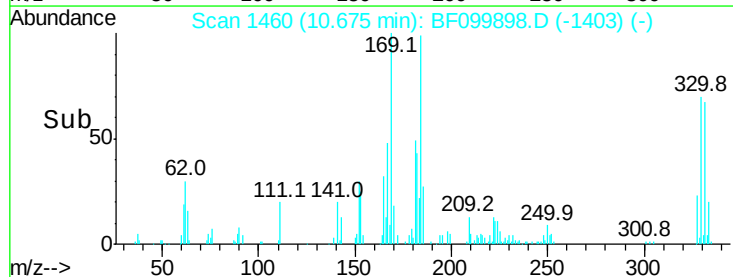
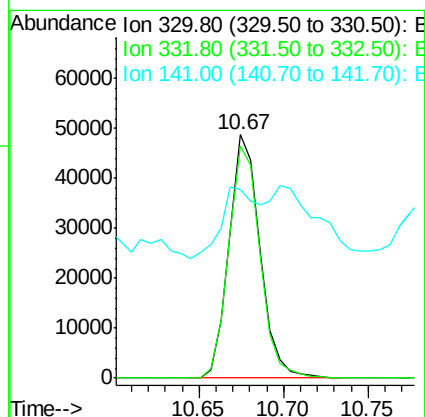
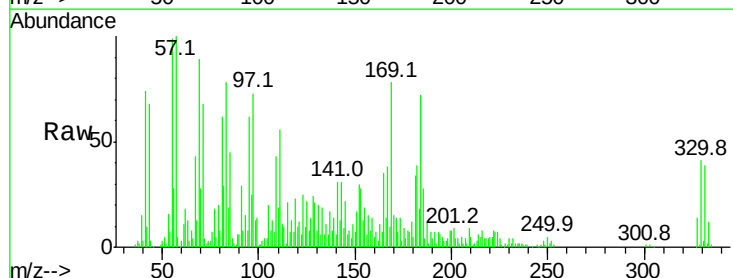
Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-6(10-15)

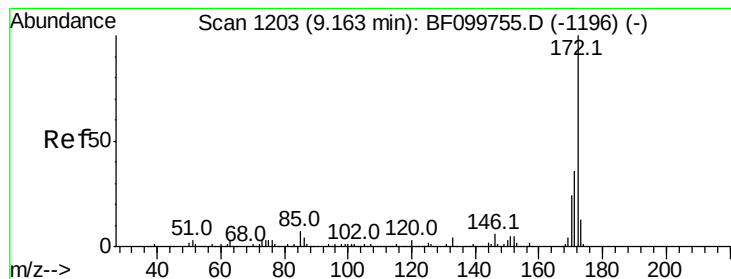
Tot Ion:164 Resp: 89503
 Ion Ratio Lower Upper
 164 100
 162 99.3 86.1 129.1
 160 57.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 75.982 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.04 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

Tgt Ion:330 Resp: 61975
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 34.9 29.9 44.9

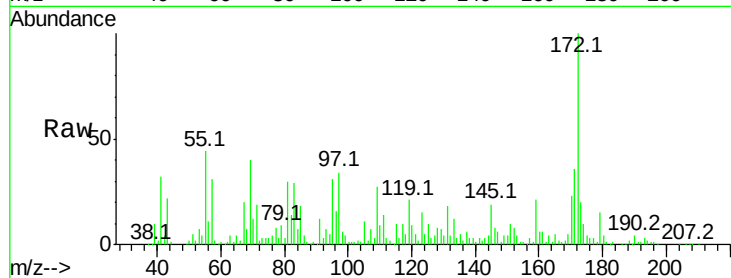




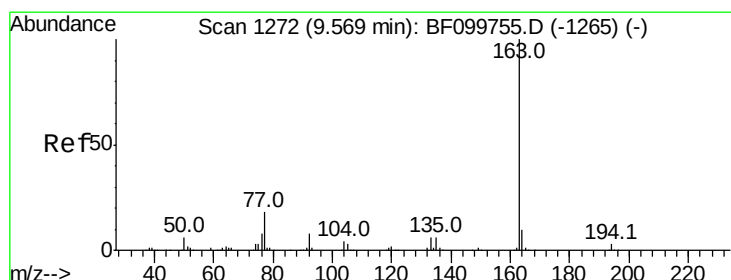
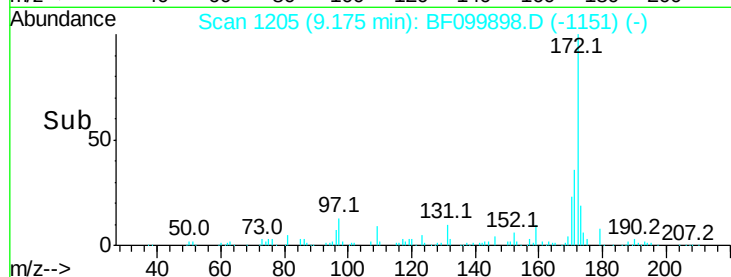
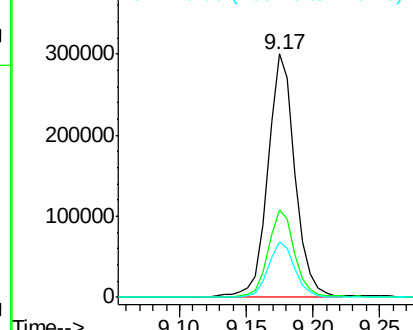
#44
 2-Fluorobiphenyl
 Concen: 72.413 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.02 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-6(10-15)

Tot Ion:172 Resp: 420079
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 22.8 19.6 29.4

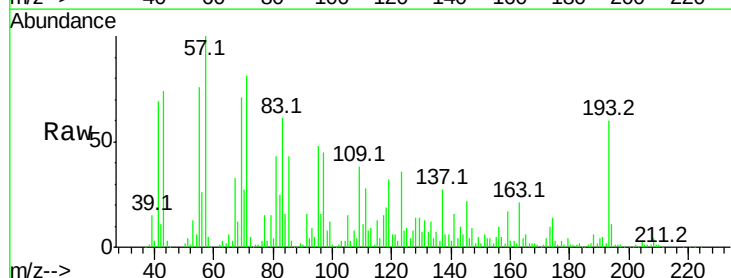


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

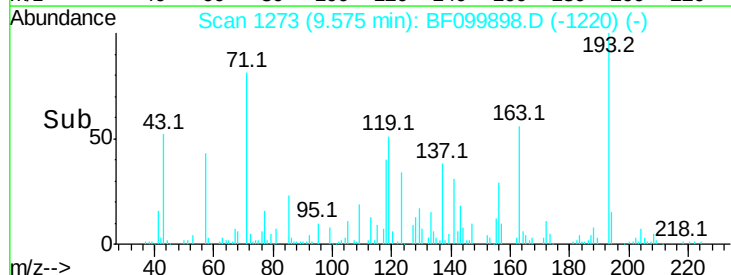
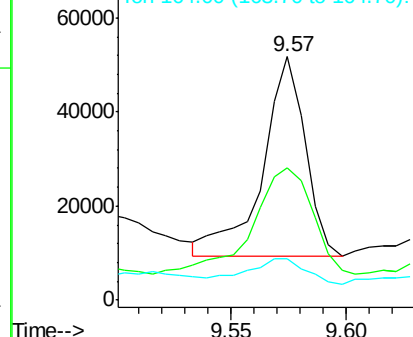


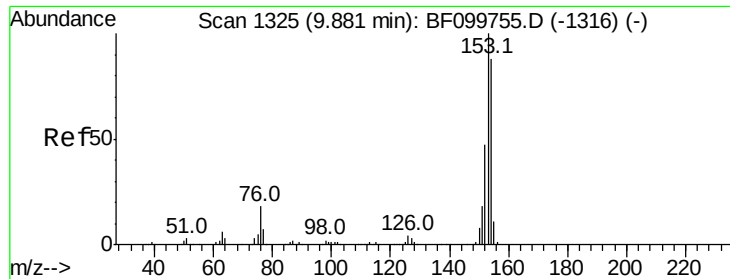
#49
 Dimethylphthalate
 Concen: 7.726 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

Tgt Ion:163 Resp: 54760
 Ion Ratio Lower Upper
 163 100
 194 54.6 2.7 4.1#
 164 17.0 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





#51

Acenaphthene

Concen: 8.334 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.04 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(10-15)

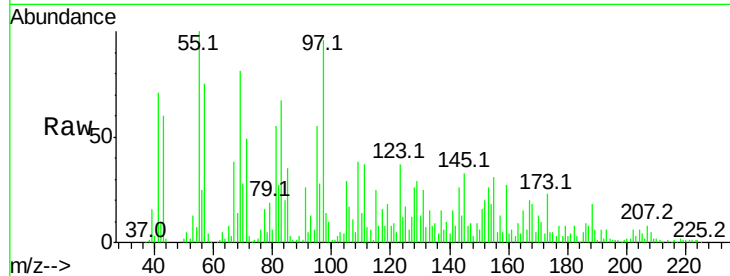
Tot Ion:154 Resp: 46117

Ion Ratio Lower Upper

154 100

153 141.4 91.2 136.8#

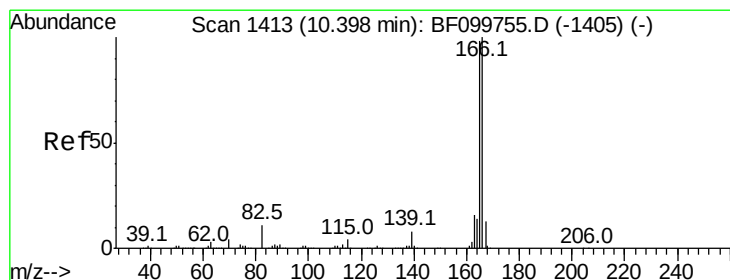
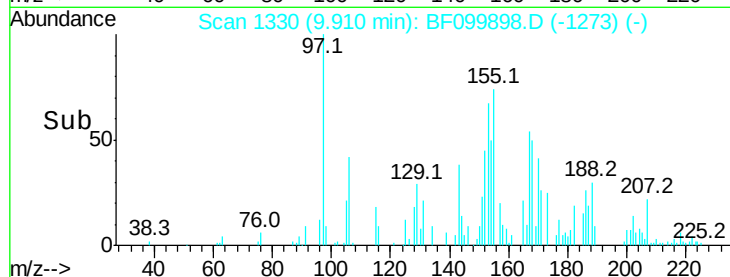
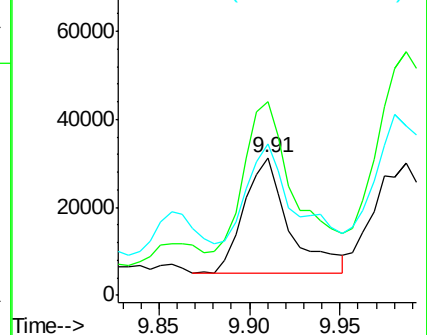
152 110.5 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 14.783 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.04 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

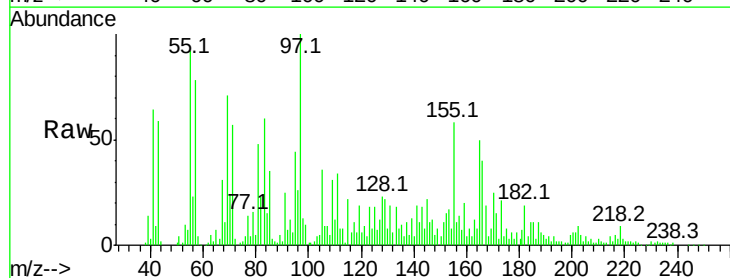
Tgt Ion:166 Resp: 95609

Ion Ratio Lower Upper

166 100

165 127.2 79.8 119.8#

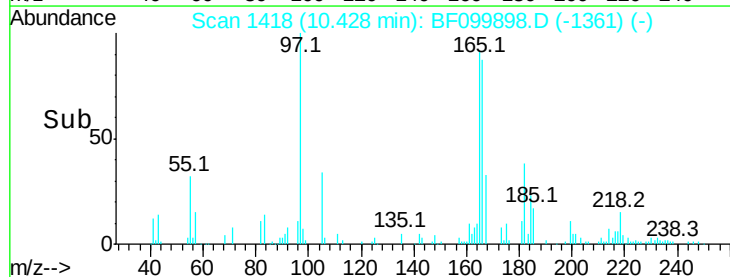
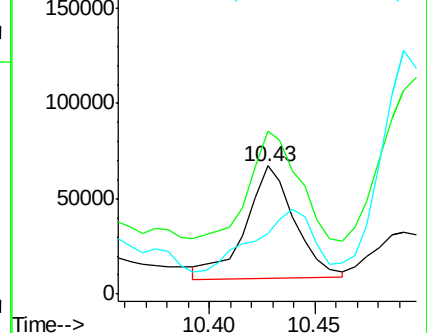
167 47.0 10.6 16.0#

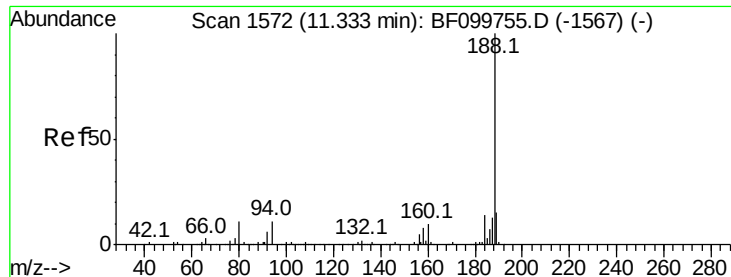


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.04 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(10-15)

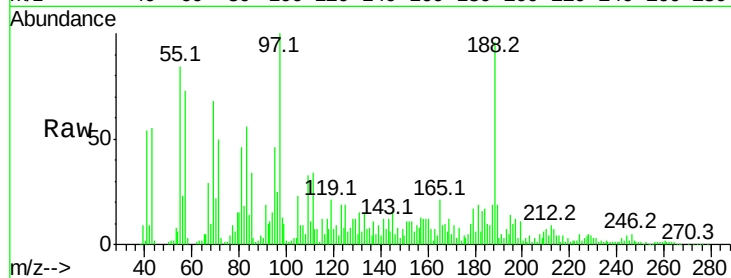
Tot Ion:188 Resp: 141566

Ion Ratio Lower Upper

188 100

94 15.8 8.5 12.7#

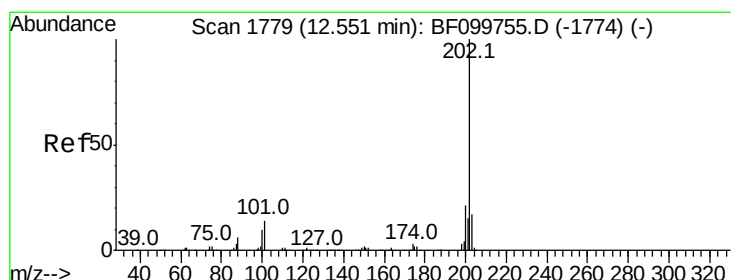
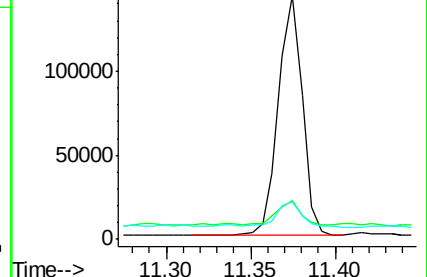
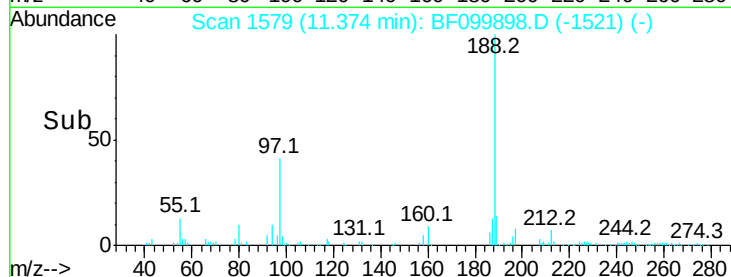
80 15.3 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74

Fluoranthene

Concen: 3.038 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.03 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

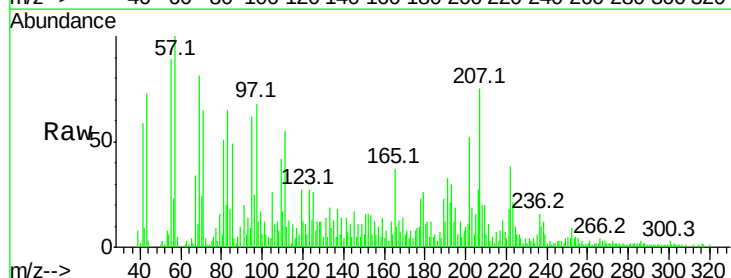
Tgt Ion:202 Resp: 25224

Ion Ratio Lower Upper

202 100

101 23.8 0.0 34.1

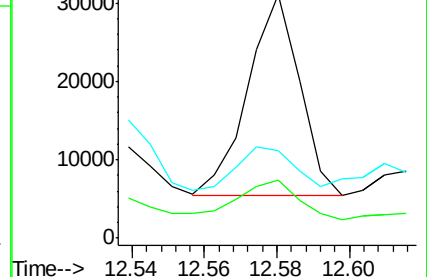
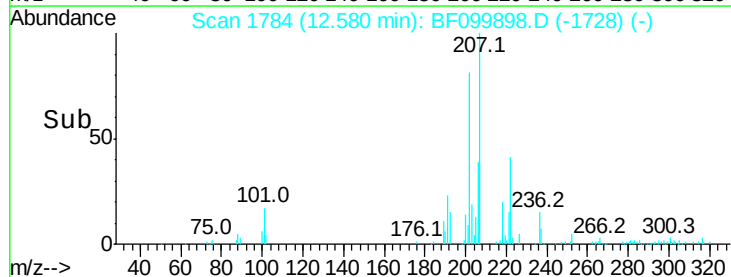
203 36.1 0.0 38.1

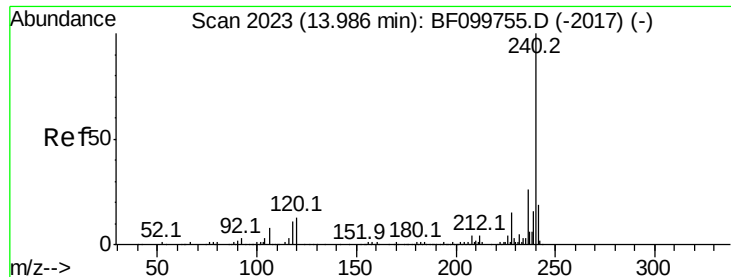


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(10-15)

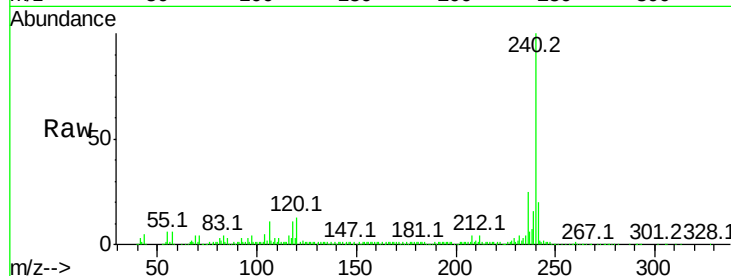
Tot Ion:240 Resp: 145967

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

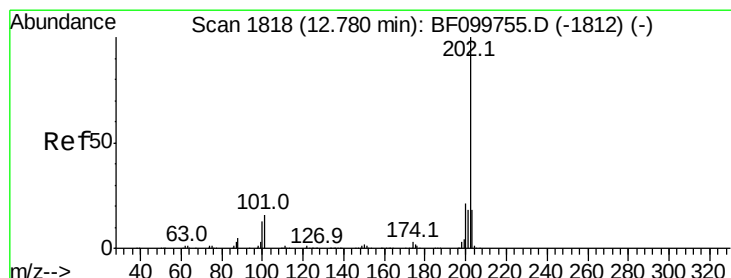
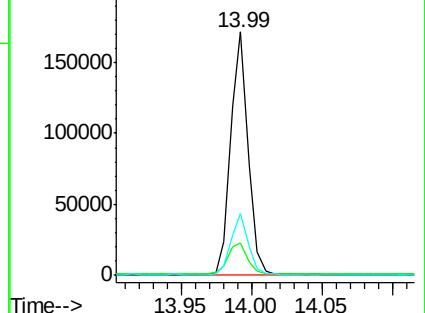
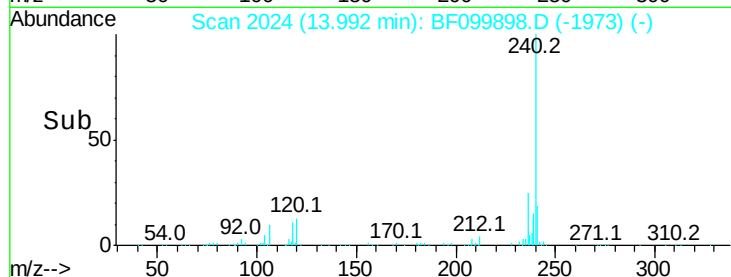
236 25.5 20.7 31.1



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

Pyrene

Concen: 9.174 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.02 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

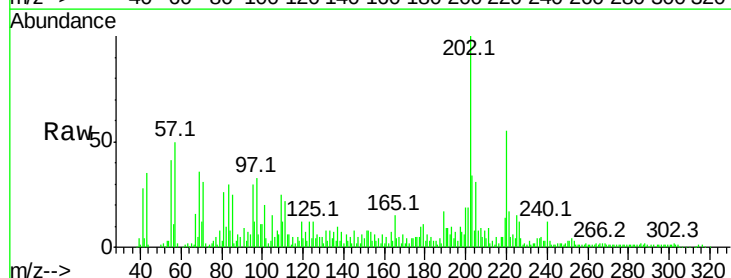
Tgt Ion:202 Resp: 101822

Ion Ratio Lower Upper

202 100

200 19.4 17.4 26.2

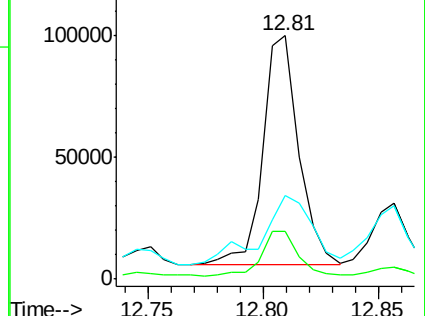
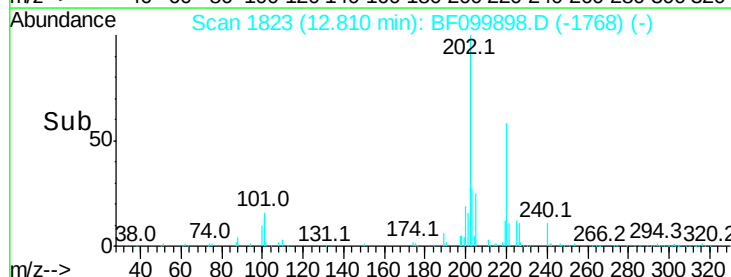
203 34.2 14.3 21.5#

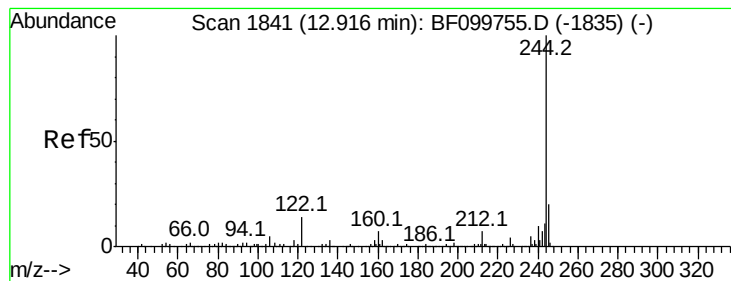


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 46.611 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(10-15)

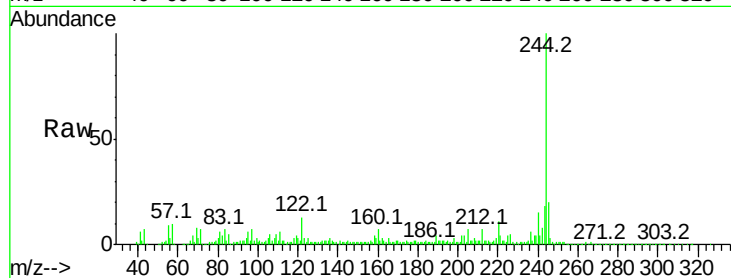
Tot Ion:244 Resp: 311330

Ion Ratio Lower Upper

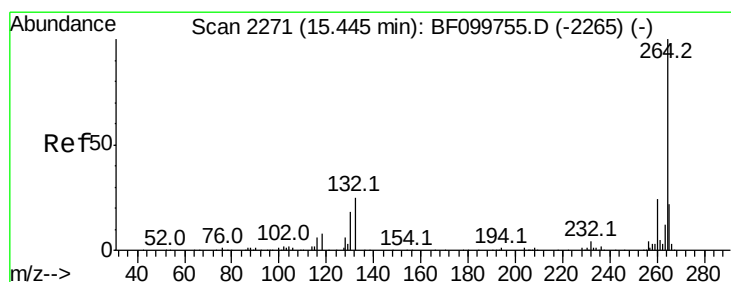
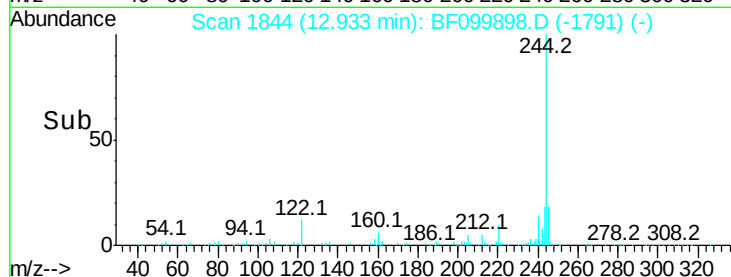
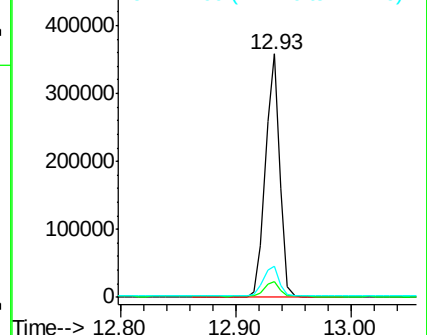
244 100

212 6.7 5.4 8.0

122 13.0 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: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

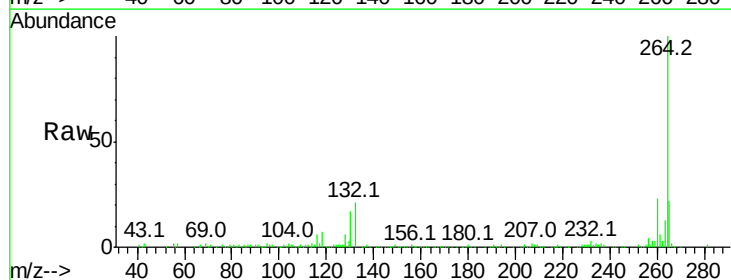
Tgt Ion:264 Resp: 167113

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.6 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

