

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099899.D
 Acq On : 28 Oct 2017 2:26
 Operator : SJ/JU
 Sample : I6029-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-6(15-20)

Quant Time: Oct 28 04:11:55 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

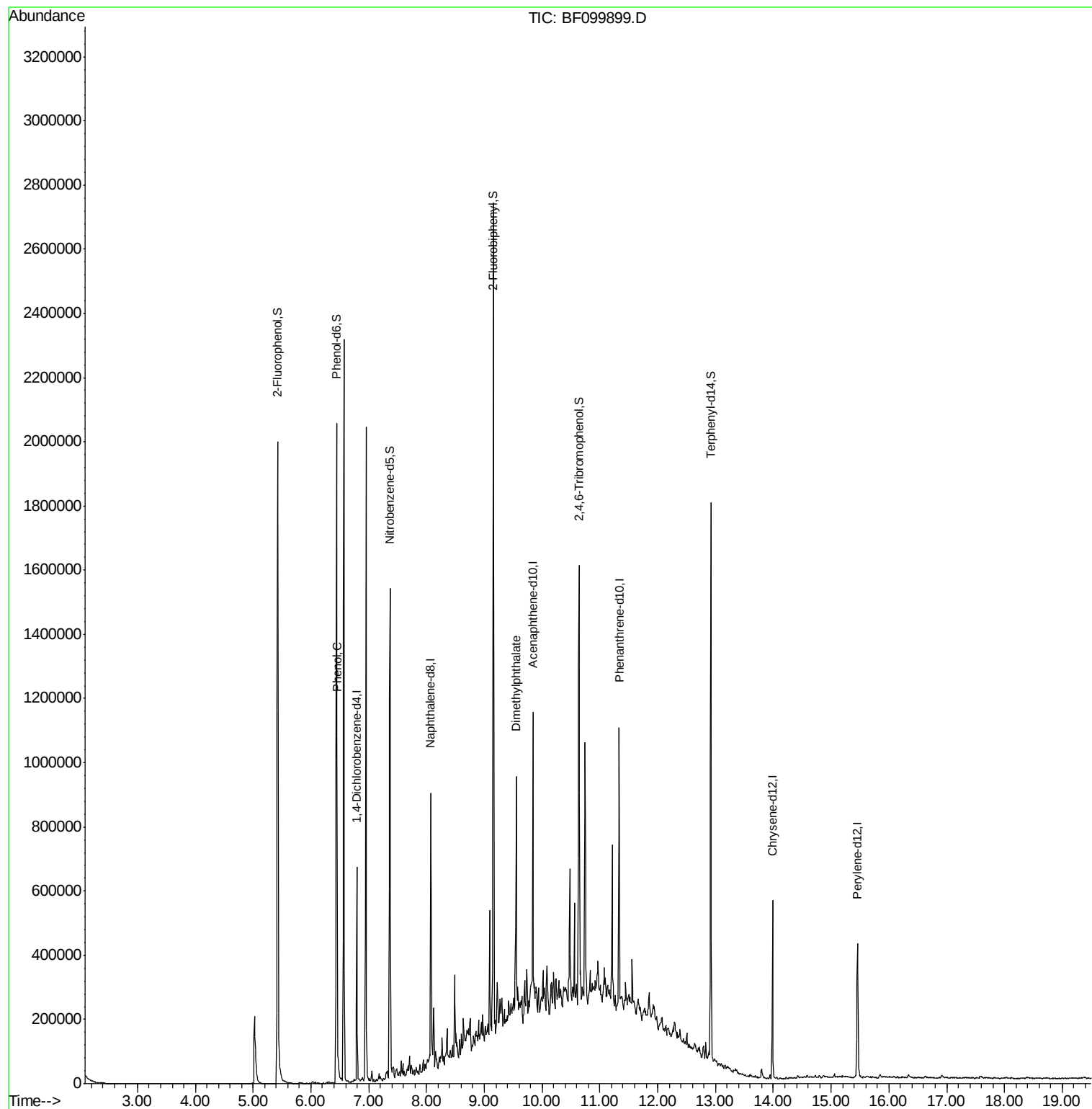
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	101582	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	413409	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	184584	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	295218	20.00	ng	0.00
75) Chrysene-d12	13.99	240	186032	20.00	ng	0.00
86) Perylene-d12	15.46	264	193216	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	777635	120.18	ng	0.00
7) Phenol-d6	6.45	99	931928	121.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	525626	81.86	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	186893	111.10	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	926733	77.46	ng	0.00
78) Terphenyl-d14	12.92	244	630569	74.07	ng	0.00
Target Compounds						
10) Phenol	6.46	94	51718	6.140	ng	93
49) Dimethylphthalate	9.56	163	181476	12.415	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(15-20)

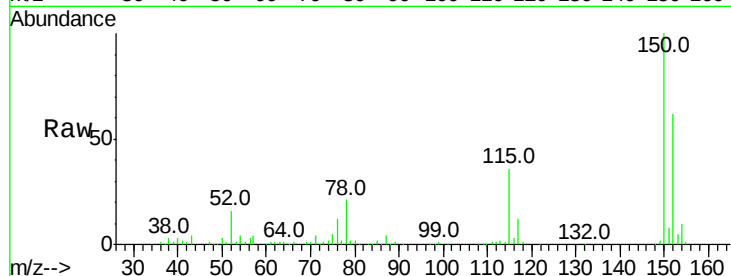
Tot Ion:152 Resp: 101582

Ion Ratio Lower Upper

152 100

150 161.9 124.6 186.8

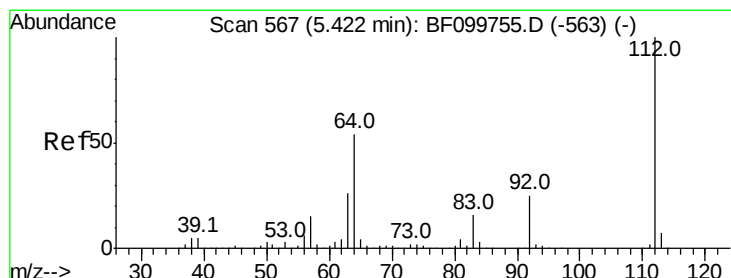
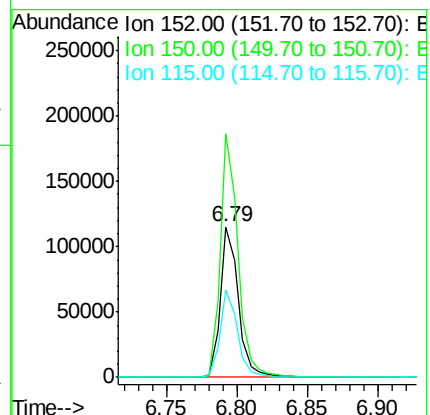
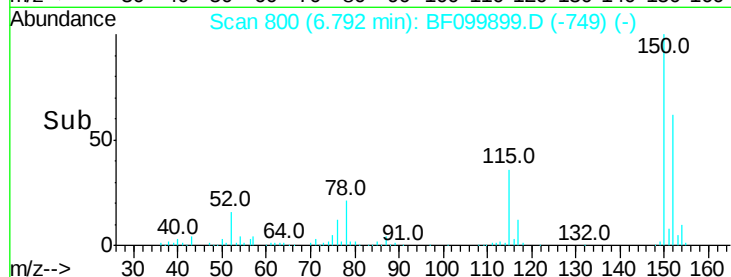
115 58.0 50.1 75.1



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: 120.185 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

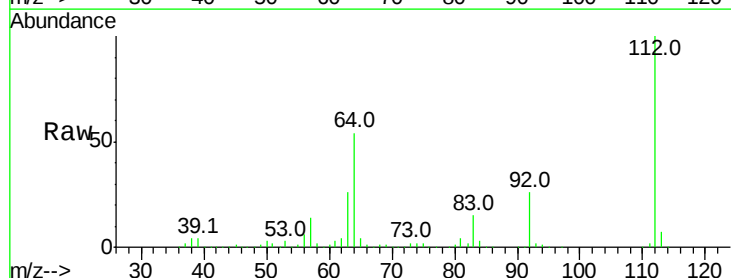
Tgt Ion:112 Resp: 777635

Ion Ratio Lower Upper

112 100

64 53.8 47.9 71.9

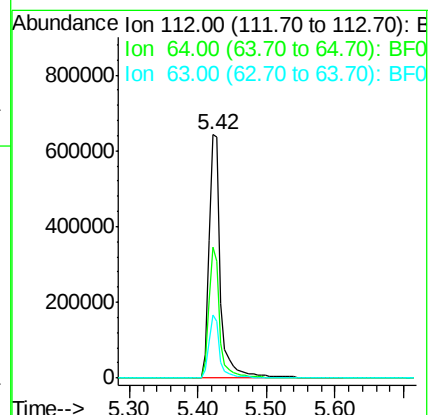
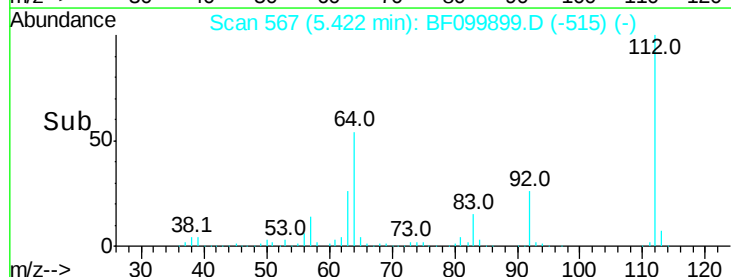
63 25.7 23.7 35.5

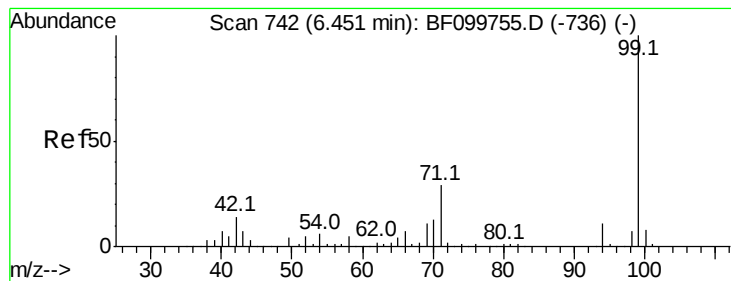


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.471 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(15-20)

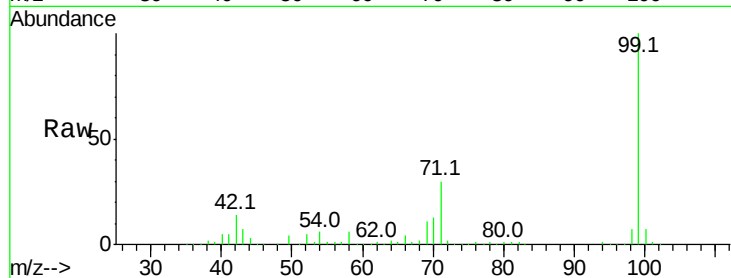
Tot Ion: 99 Resp: 931928

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

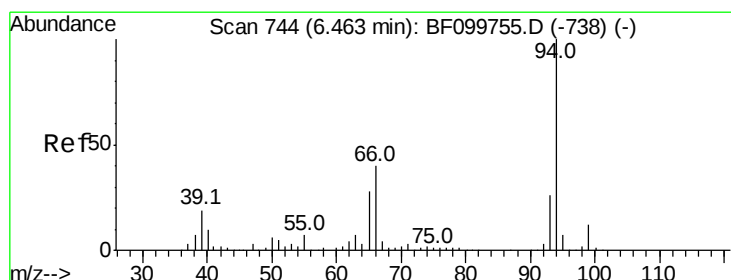
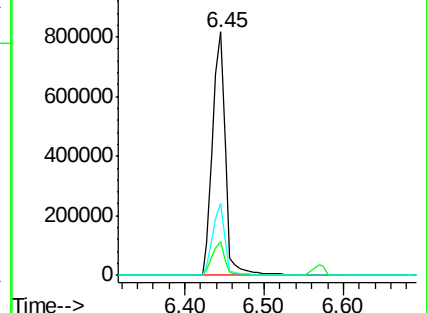
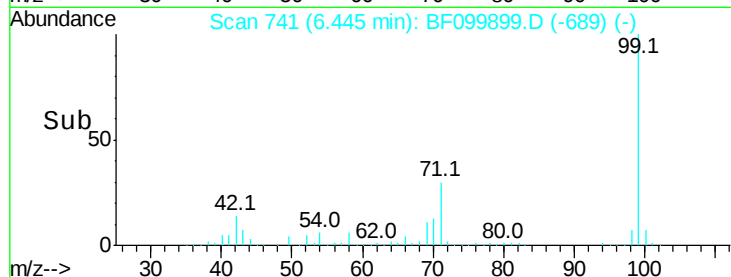
71 29.5 25.4 38.0



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: 6.140 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

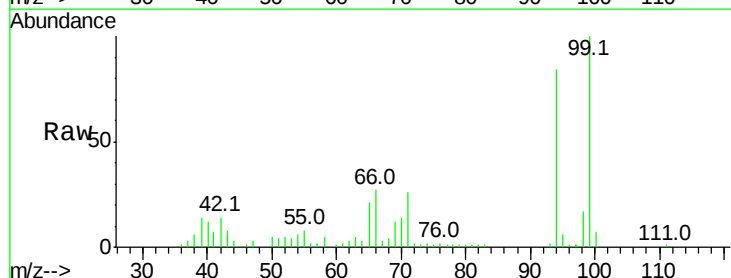
Tgt Ion: 94 Resp: 51718

Ion Ratio Lower Upper

94 100

65 24.8 7.9 47.9

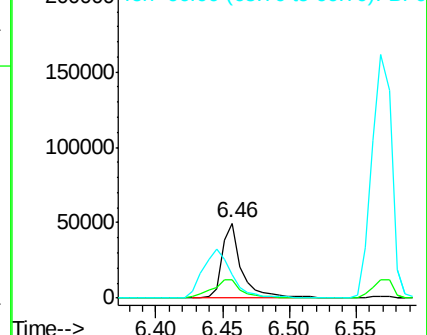
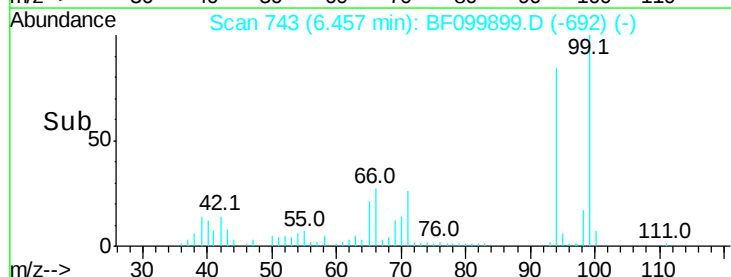
66 31.7 16.2 56.2

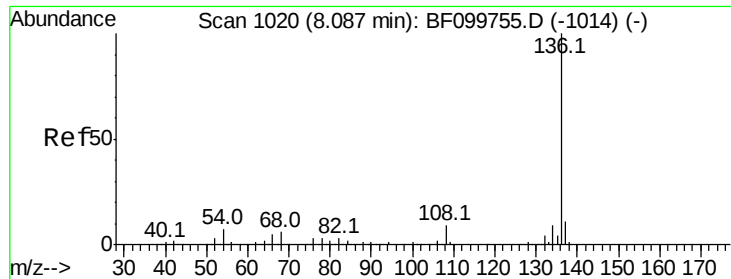


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(15-20)

Tot Ion:136 Resp: 413409

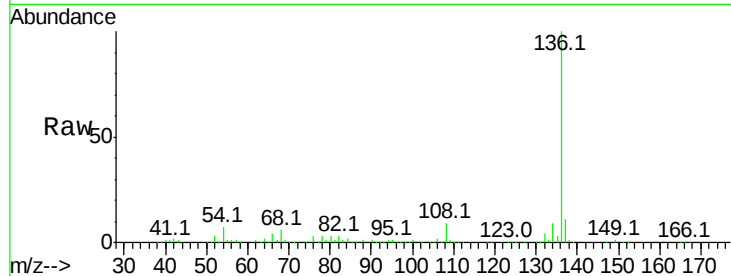
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 6.1 5.0 7.4

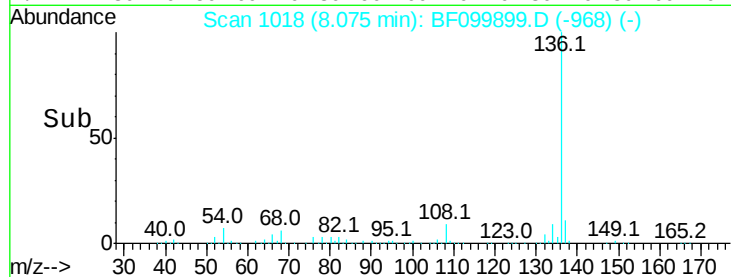


Abundance Ion 136.00 (135.70 to 136.70): E

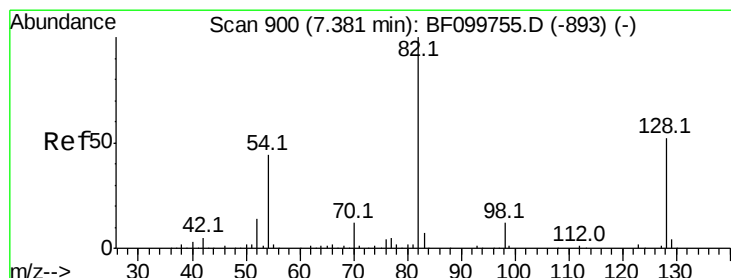
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 81.856 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

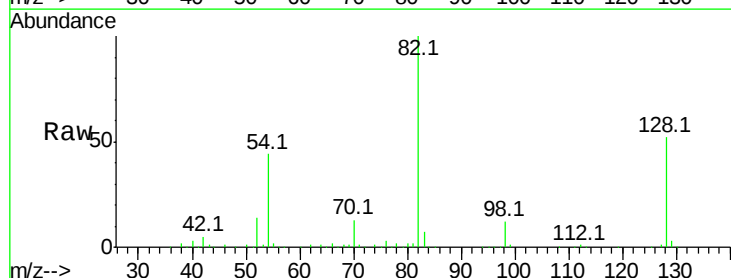
Tgt Ion: 82 Resp: 525626

Ion Ratio Lower Upper

82 100

128 51.8 36.1 54.1

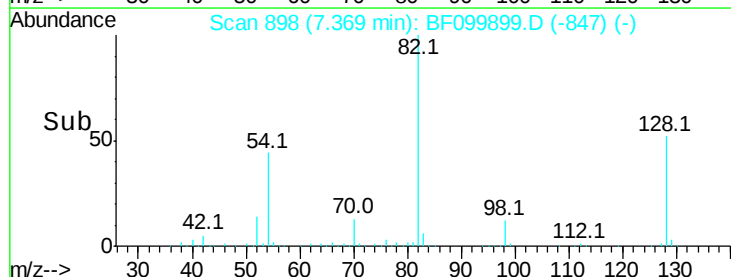
54 43.7 41.4 62.2



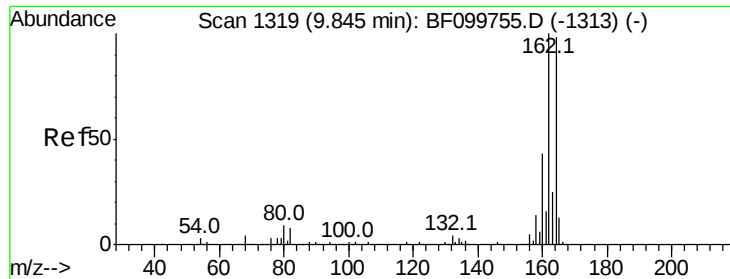
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(15-20)

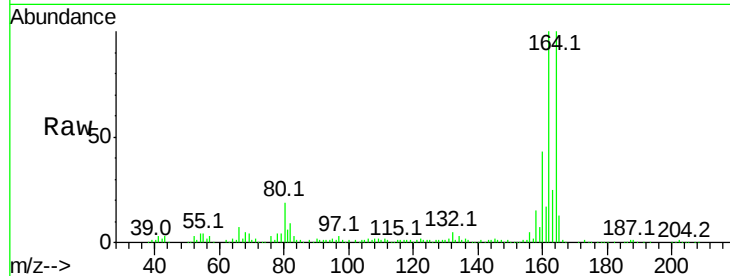
Tot Ion:164 Resp: 184584

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

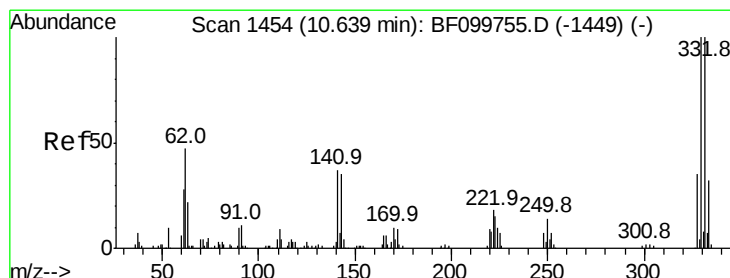
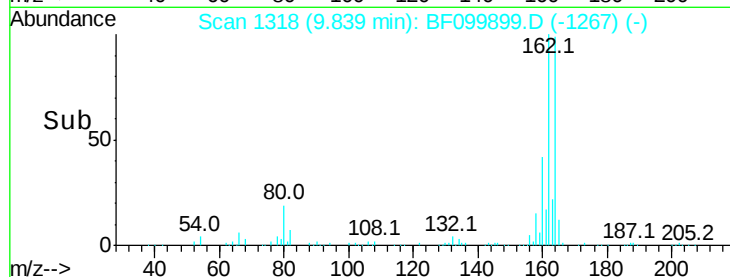
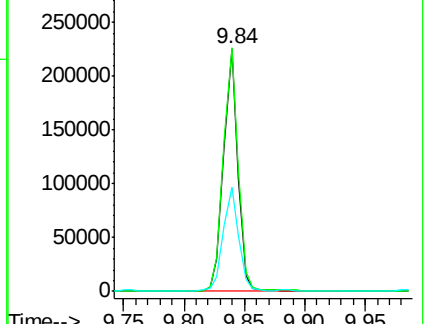
160 42.8 38.3 57.5



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: 111.104 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

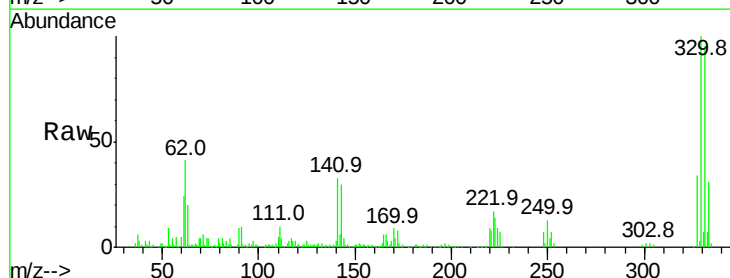
Tgt Ion:330 Resp: 186893

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

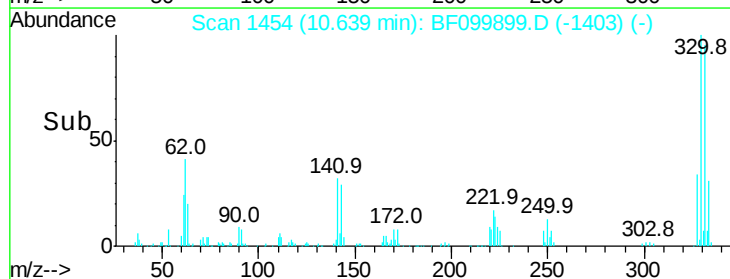
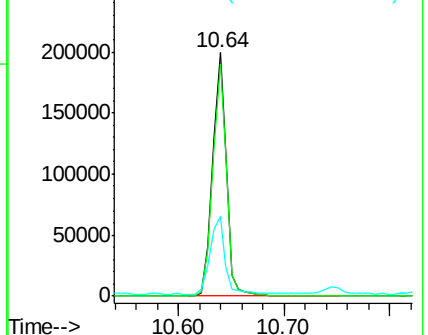
141 33.8 29.9 44.9

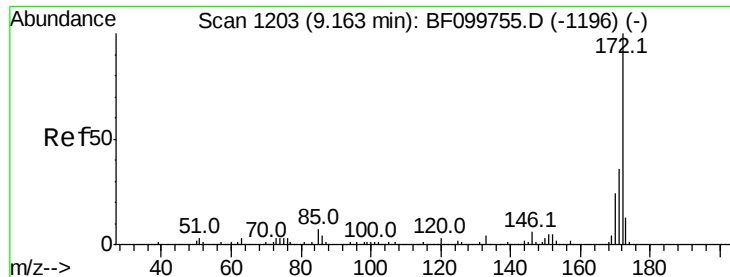


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 77.461 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(15-20)

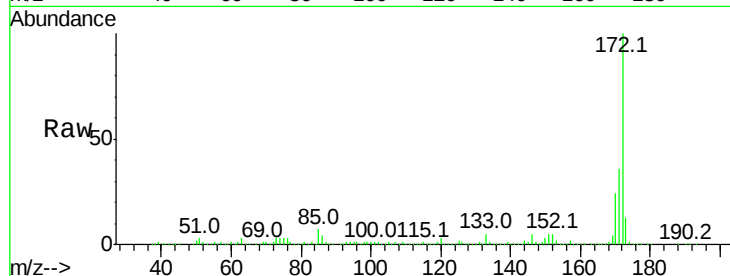
Tot Ion:172 Resp: 926733

Ion Ratio Lower Upper

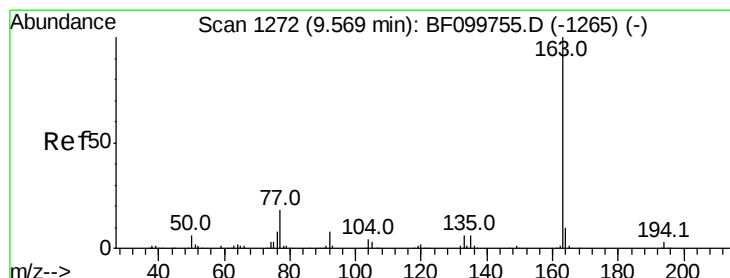
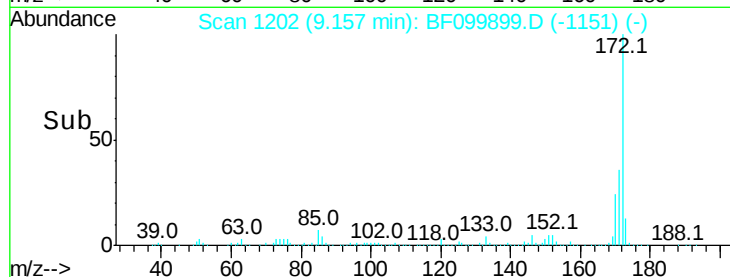
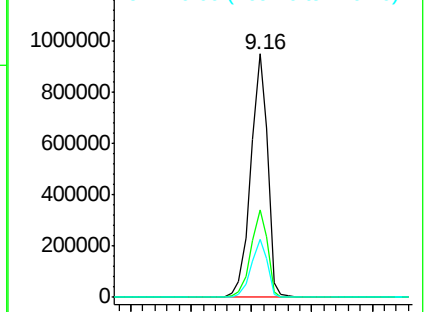
172 100

171 36.1 29.7 44.5

170 23.7 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: 12.415 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

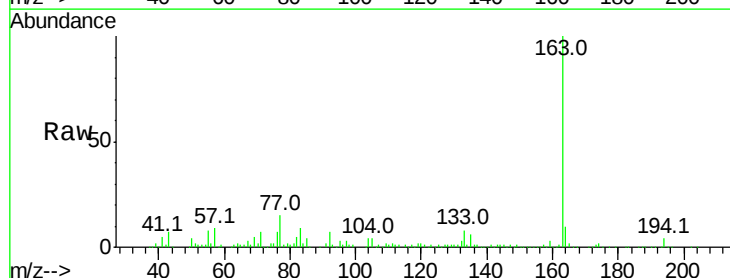
Tgt Ion:163 Resp: 181476

Ion Ratio Lower Upper

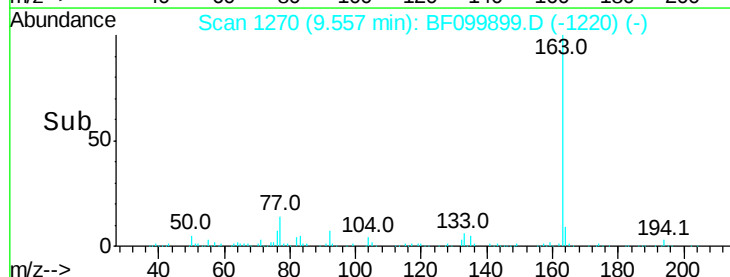
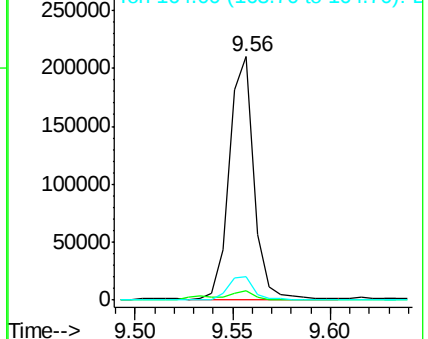
163 100

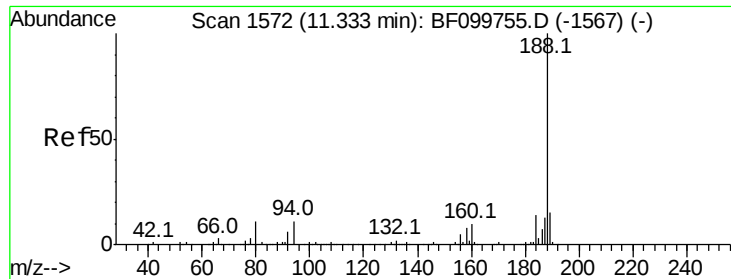
194 3.9 2.7 4.1

164 9.6 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

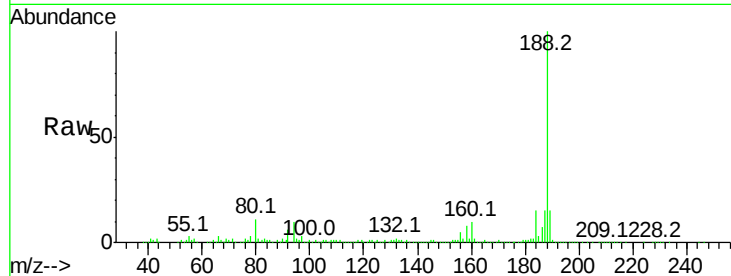




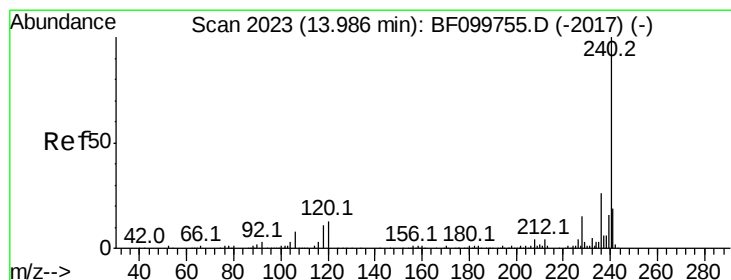
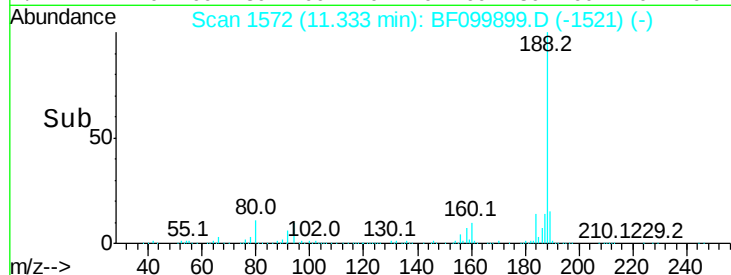
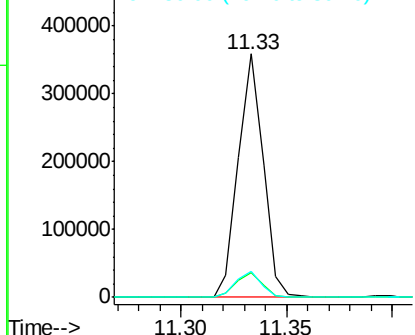
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099899.D
Acq: 28 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(15-20)

Tot Ion:188 Resp: 295218
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.9 9.2 13.8

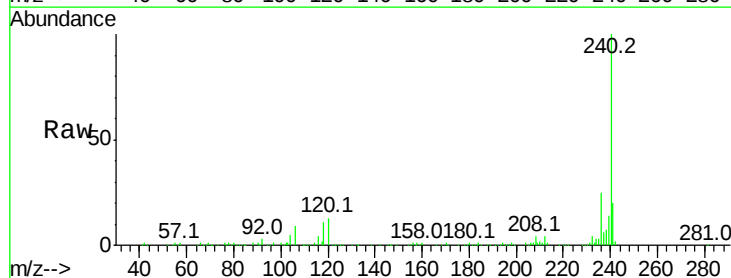


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

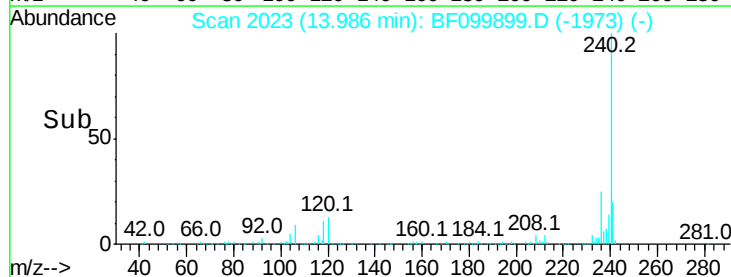
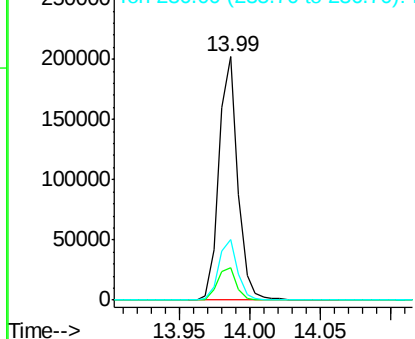


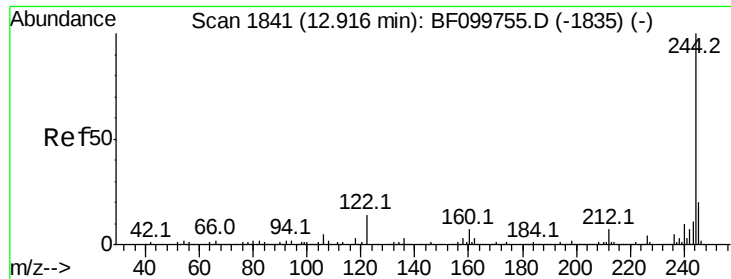
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099899.D
Acq: 28 Oct 2017 2:26

Tgt Ion:240 Resp: 186032
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 24.7 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: 74.075 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(15-20)

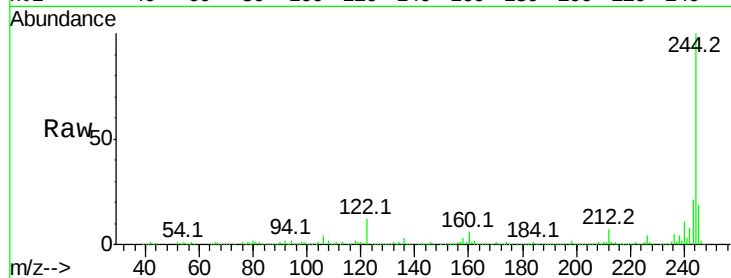
Tot Ion:244 Resp: 630569

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

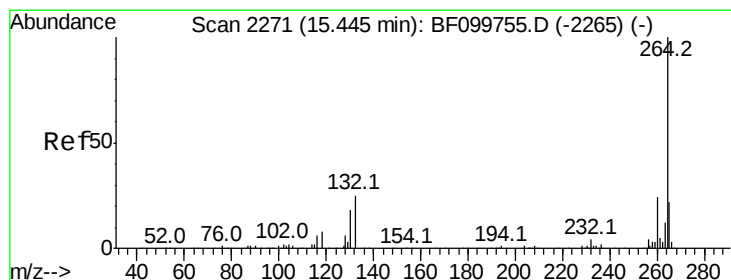
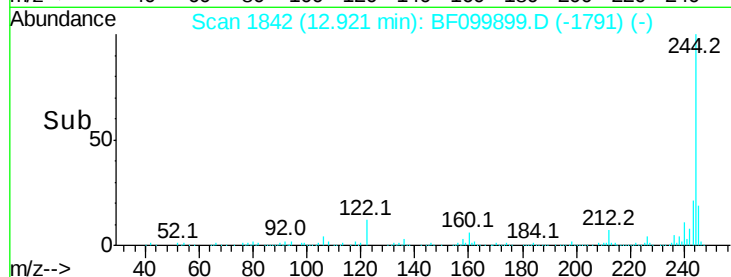
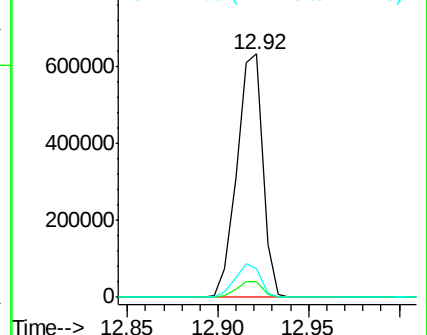
122 11.6 11.0 16.4



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# 2273

Delta R.T. -0.00 min

Lab File: BF099899.D

Acq: 28 Oct 2017 2:26

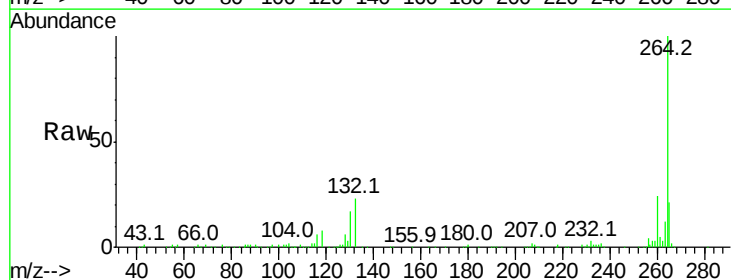
Tgt Ion:264 Resp: 193216

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.0 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

