

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099901.D
 Acq On : 28 Oct 2017 3:21
 Operator : SJ/JU
 Sample : I6029-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-3(0-5)

Quant Time: Oct 28 04:18:29 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

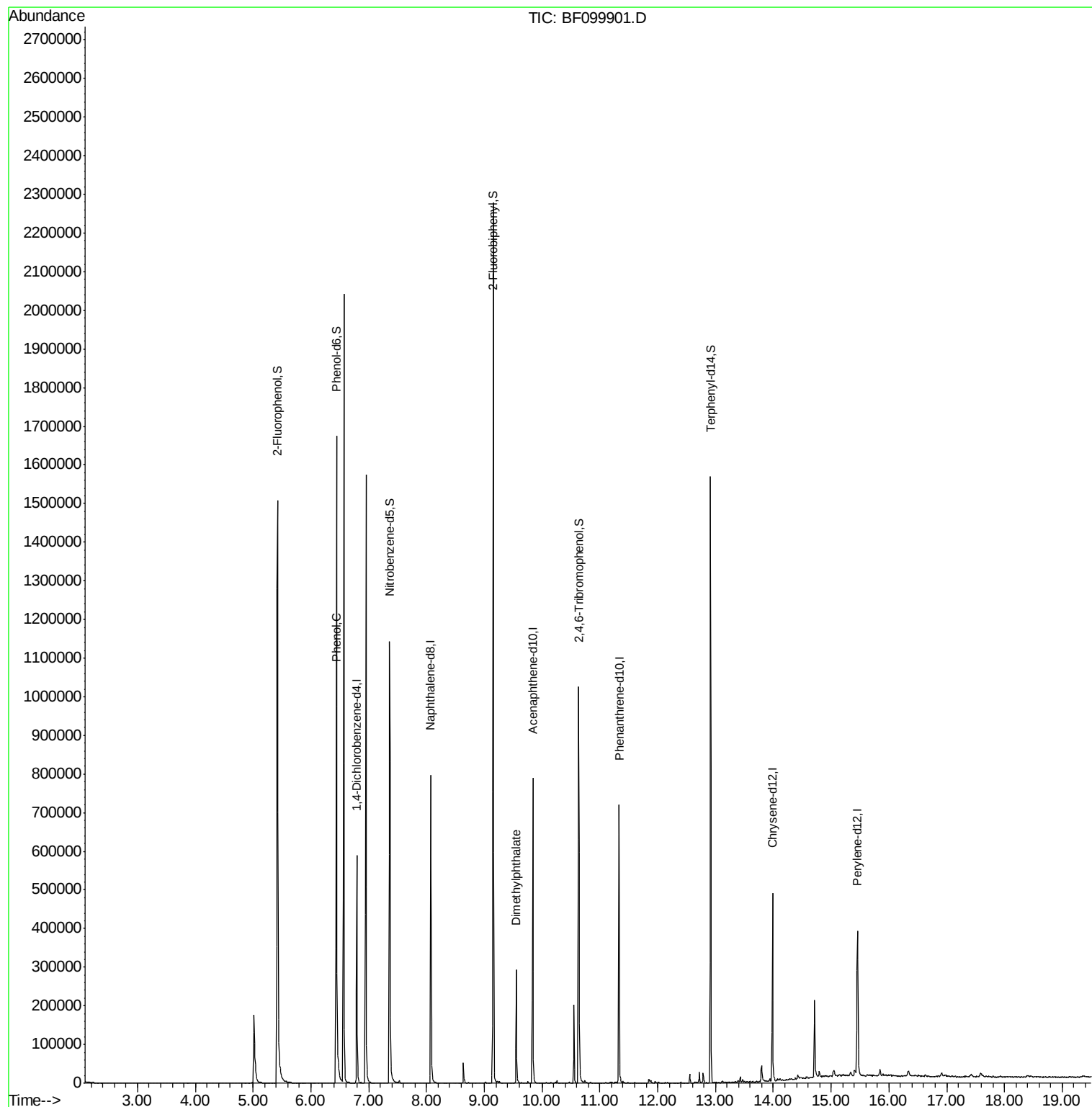
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	93811	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	385042	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	167029	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	270906	20.00	ng	0.00
75) Chrysene-d12	13.99	240	162995	20.00	ng	0.00
86) Perylene-d12	15.46	264	173217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	572779	95.86	ng	0.00
7) Phenol-d6	6.44	99	677442	95.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	397811	66.52	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	128551	84.45	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	761538	70.34	ng	0.00
78) Terphenyl-d14	12.92	244	484674	64.98	ng	0.00
Target Compounds						
10) Phenol	6.45	94	34973	4.496	ng	95
49) Dimethylphthalate	9.55	163	137936	10.428	ng	99

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

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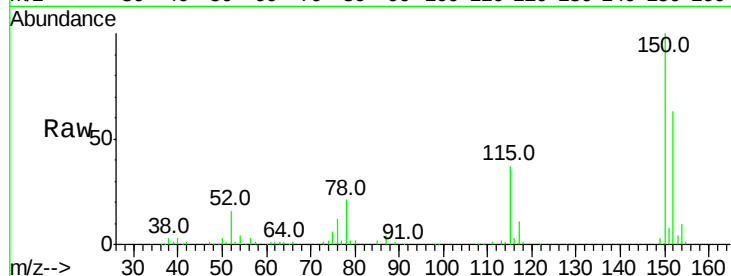


#1

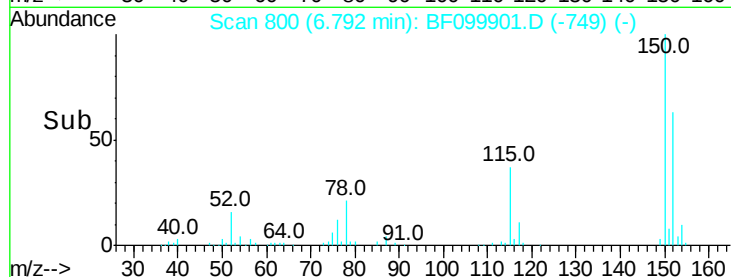
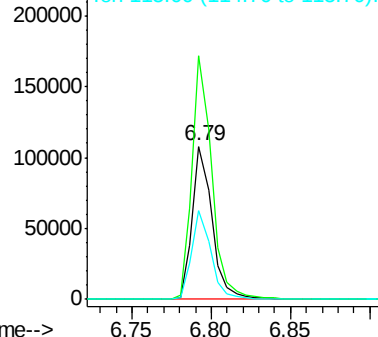
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF099901.D
 Acq: 28 Oct 2017 3:21

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-3(0-5)

Tot Ion:152 Resp: 93811
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 58.3 50.1 75.1



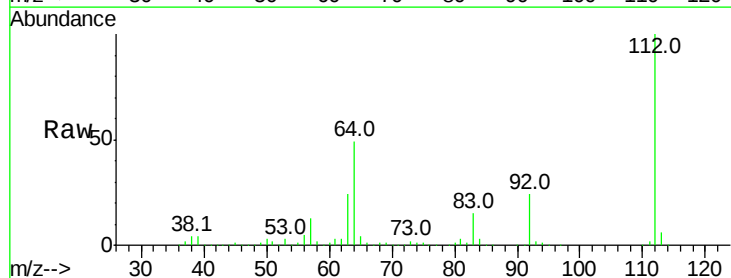
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



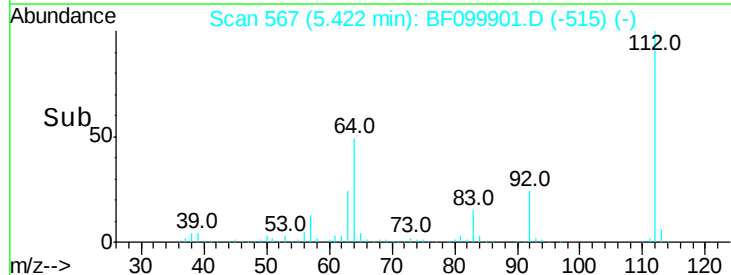
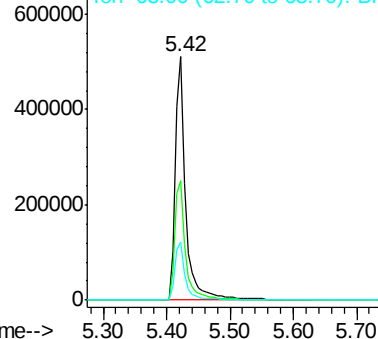
#5

2-Fluorophenol
 Concen: 95.857 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF099901.D
 Acq: 28 Oct 2017 3:21

Tgt Ion:112 Resp: 572779
 Ion Ratio Lower Upper
 112 100
 64 49.0 47.9 71.9
 63 23.6 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: 95.615 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099901.D

Acq: 28 Oct 2017 3:21

Instrument :

BNA_F

ClientSampleId :

ENV-118-3(0-5)

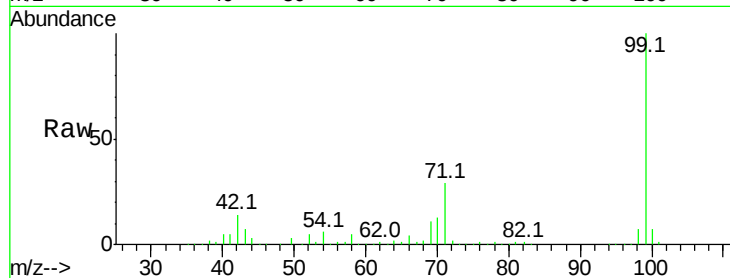
Tot Ion: 99 Resp: 677442

Ion Ratio Lower Upper

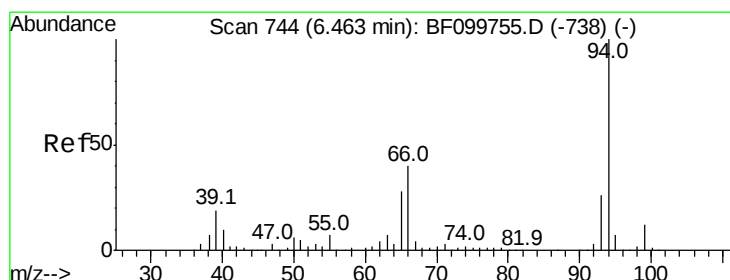
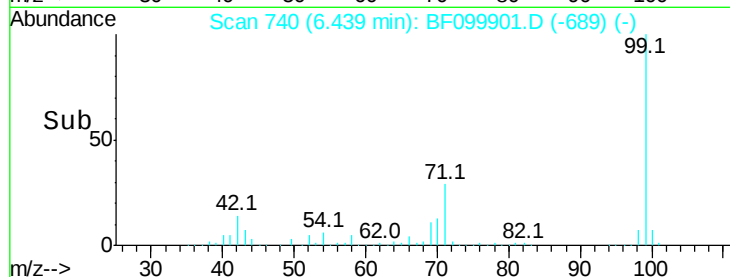
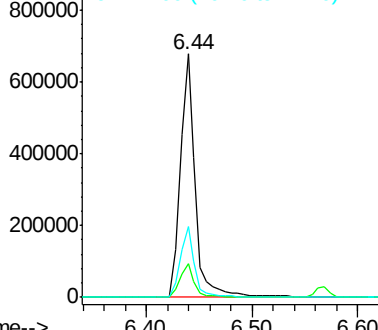
99 100

42 13.8 14.5 21.7#

71 29.1 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: 4.496 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099901.D

Acq: 28 Oct 2017 3:21

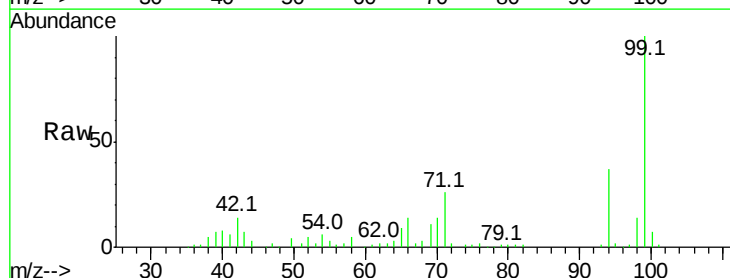
Tgt Ion: 94 Resp: 34973

Ion Ratio Lower Upper

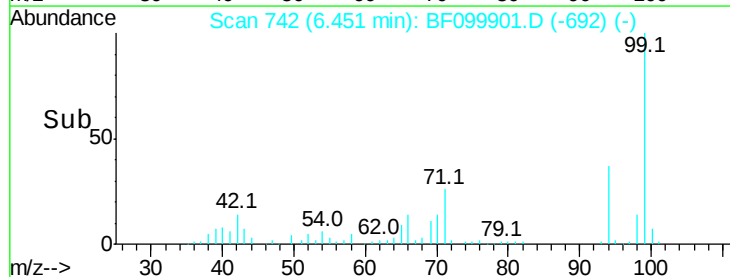
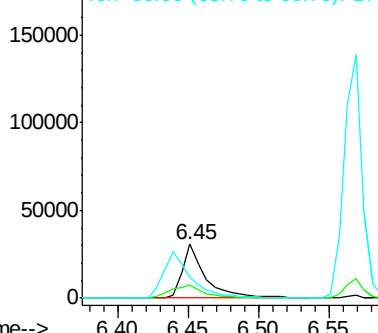
94 100

65 24.6 7.9 47.9

66 38.3 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: BF099901.D

Acq: 28 Oct 2017 3:21

Instrument :

BNA_F

ClientSampleId :

ENV-118-3(0-5)

Tot Ion:136 Resp: 385042

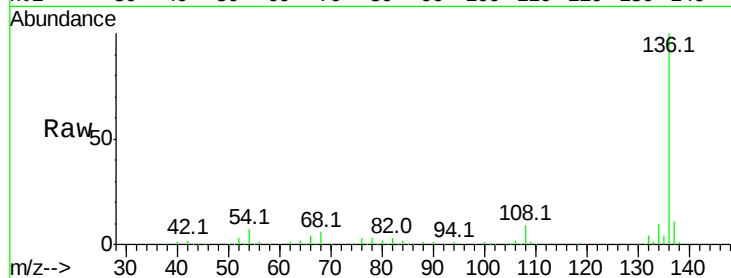
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.6 6.6 9.8

68 5.7 5.0 7.4

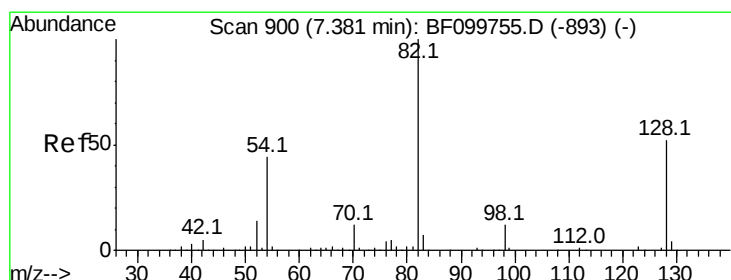
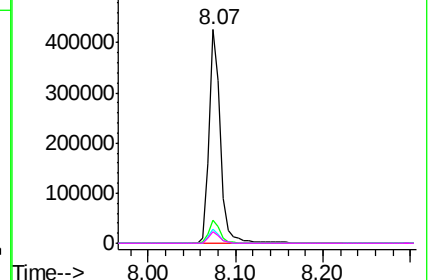
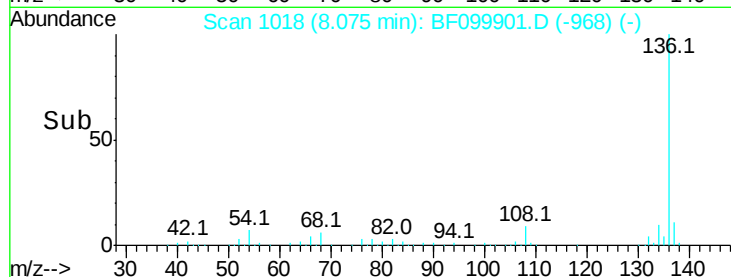


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.516 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099901.D

Acq: 28 Oct 2017 3:21

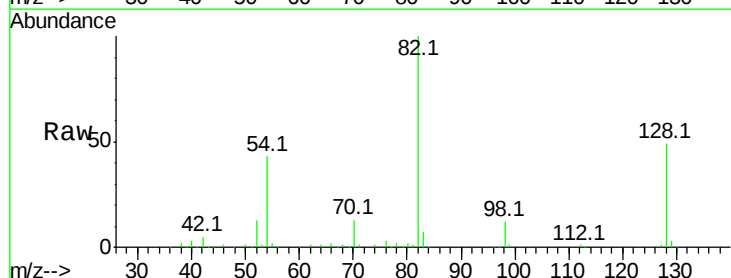
Tgt Ion: 82 Resp: 397811

Ion Ratio Lower Upper

82 100

128 49.4 36.1 54.1

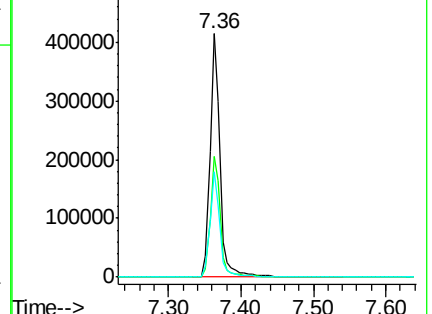
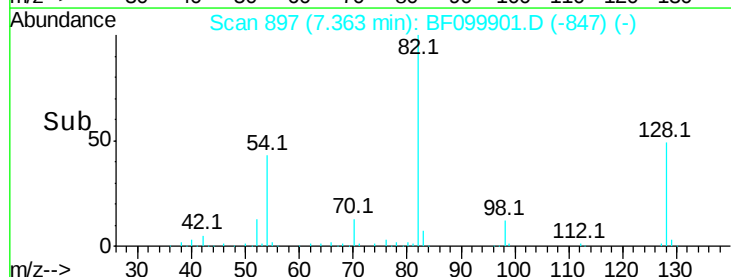
54 43.4 41.4 62.2

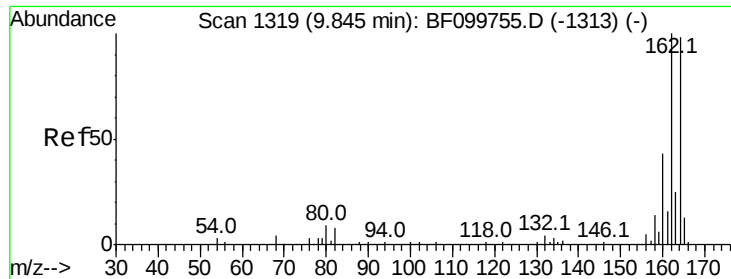


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

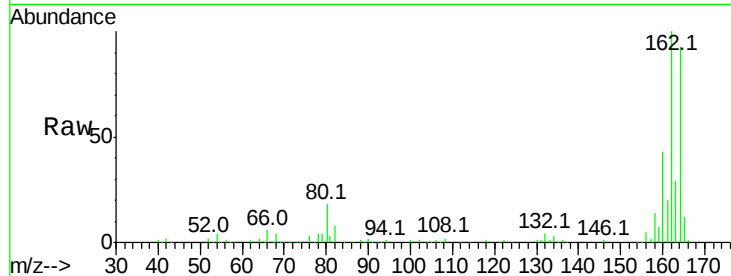




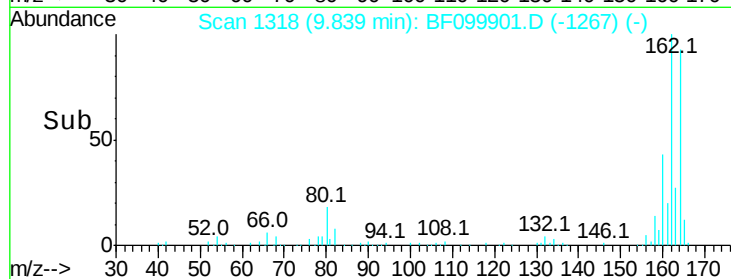
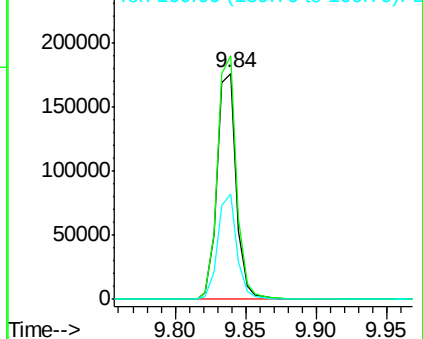
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF099901.D
Acq: 28 Oct 2017 3:21

Instrument :
BNA_F
ClientSampleId :
ENV-118-3(0-5)

Tot Ion:164 Resp: 167029
Ion Ratio Lower Upper
164 100
162 107.8 86.1 129.1
160 46.9 38.3 57.5

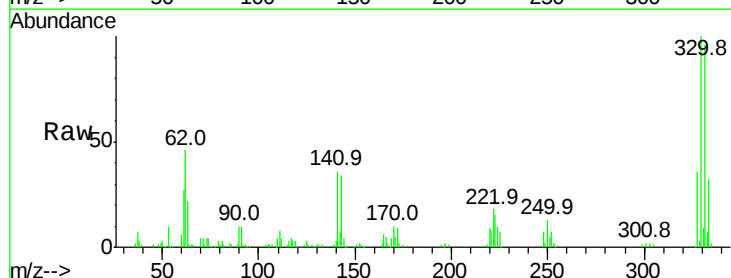


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

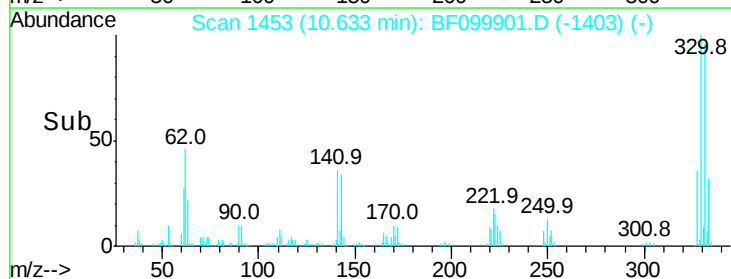
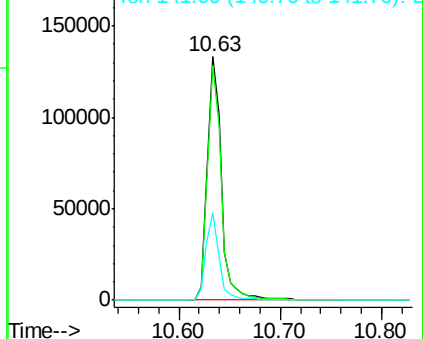


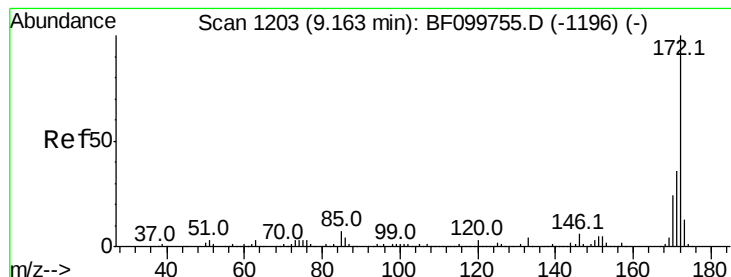
#41
2,4,6-Tribromophenol
Concen: 84.453 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099901.D
Acq: 28 Oct 2017 3:21

Tgt Ion:330 Resp: 128551
Ion Ratio Lower Upper
330 100
332 94.9 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: 70.343 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF099901.D

Acq: 28 Oct 2017 3:21

Instrument :

BNA_F

ClientSampleId :

ENV-118-3(0-5)

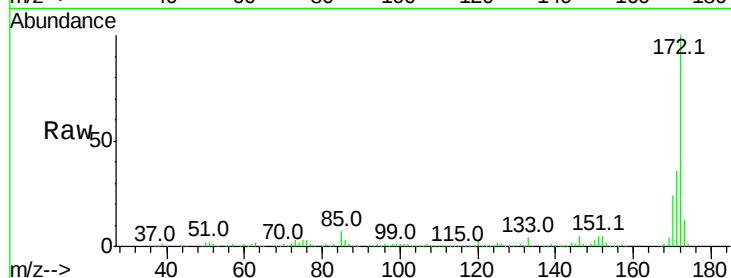
Tot Ion:172 Resp: 761538

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

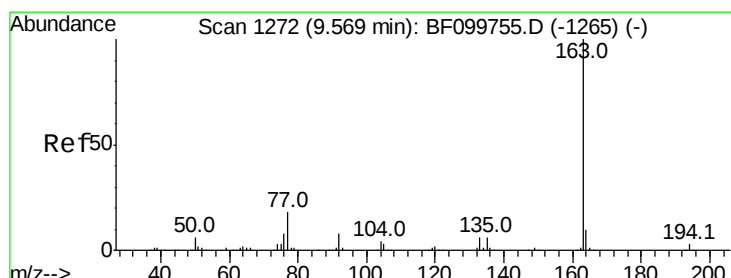
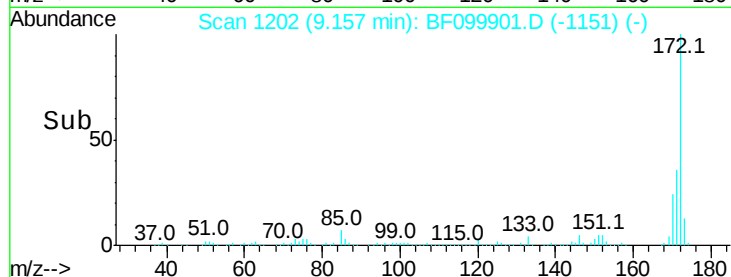
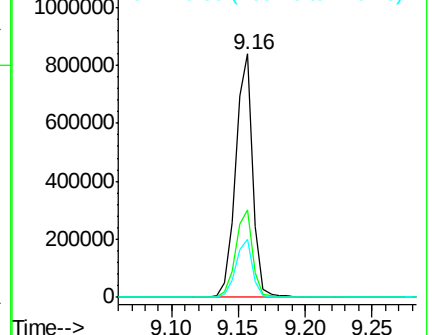
170 24.0 19.6 29.4



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: 10.428 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF099901.D

Acq: 28 Oct 2017 3:21

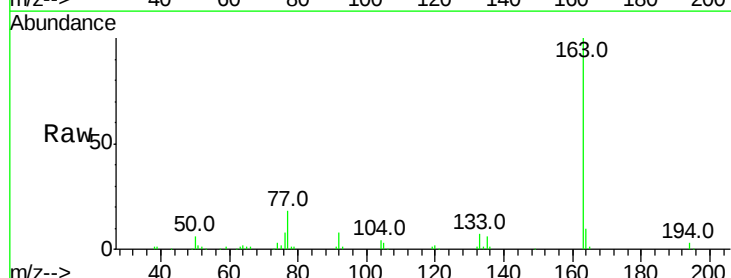
Tgt Ion:163 Resp: 137936

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

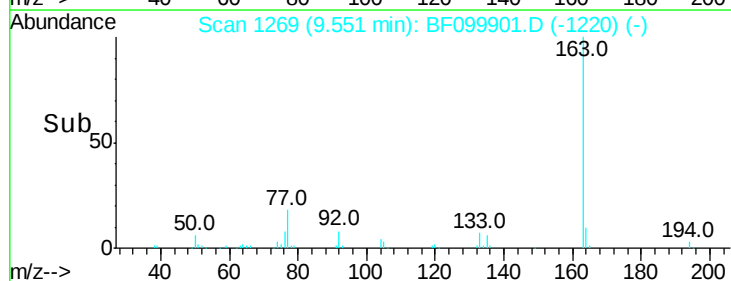
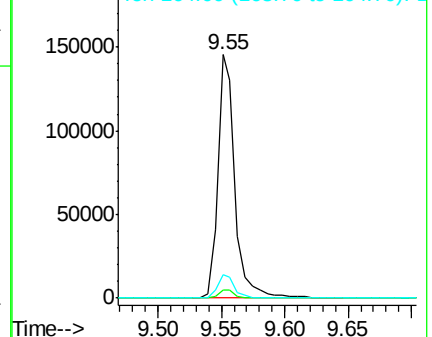
164 9.8 8.2 12.2

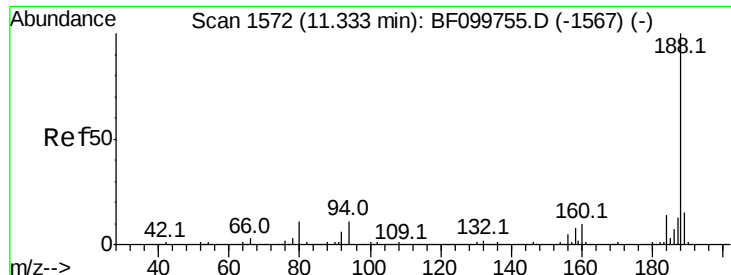


Abundance Ion 163.00 (162.70 to 163.70): E

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: BF099901.D

Acq: 28 Oct 2017 3:21

Instrument :

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ClientSampleId :

ENV-118-3(0-5)

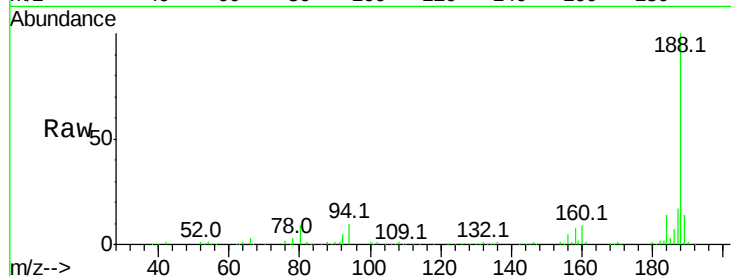
Tot Ion:188 Resp: 270906

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

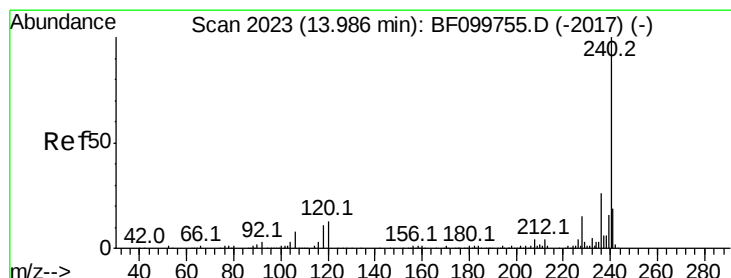
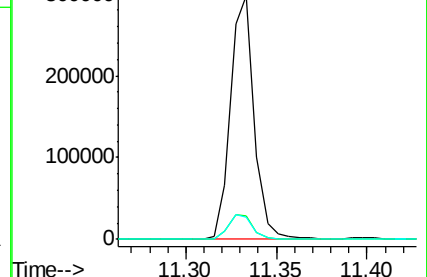
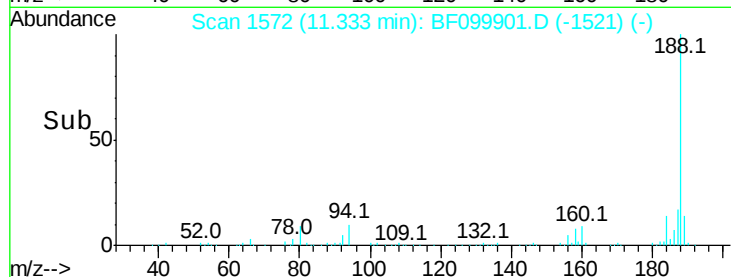
80 9.2 9.2 13.8



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: BF099901.D

Acq: 28 Oct 2017 3:21

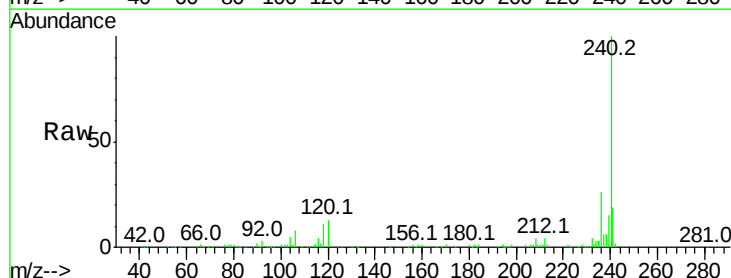
Tgt Ion:240 Resp: 162995

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

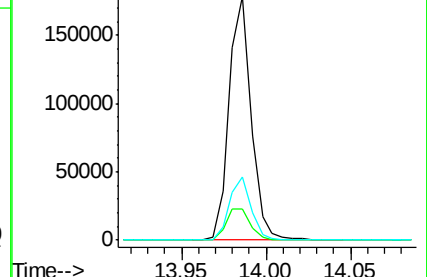
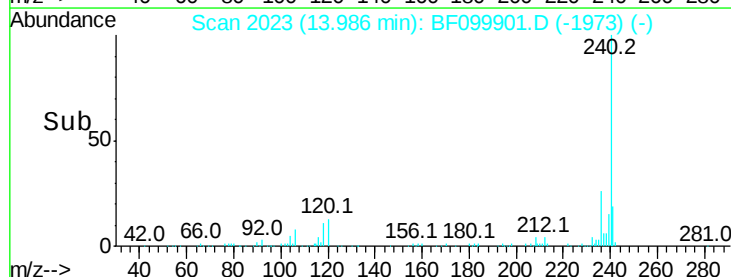
236 25.8 20.7 31.1

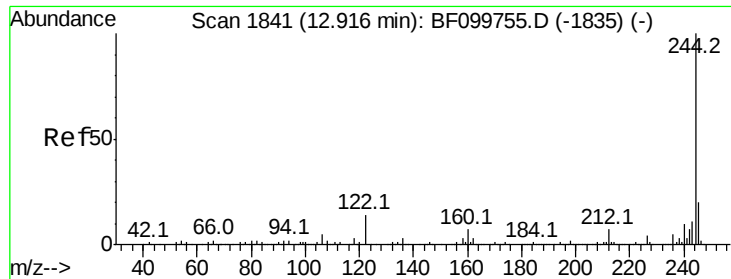


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.983 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099901.D

Acq: 28 Oct 2017 3:21

Instrument :

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ENV-118-3(0-5)

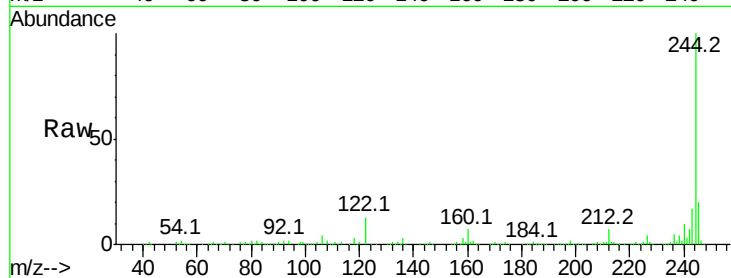
Tot Ion:244 Resp: 484674

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

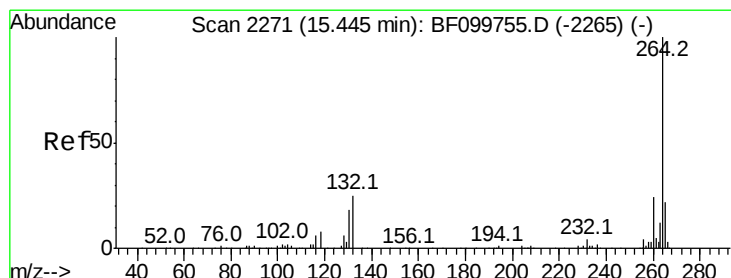
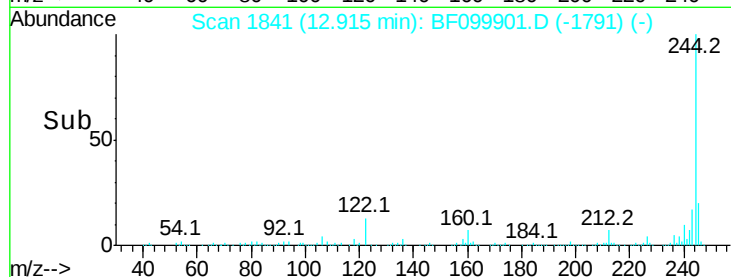
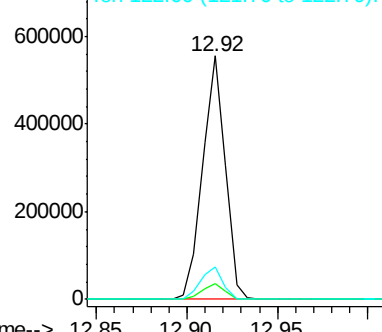
122 13.4 11.0 16.4



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: BF099901.D

Acq: 28 Oct 2017 3:21

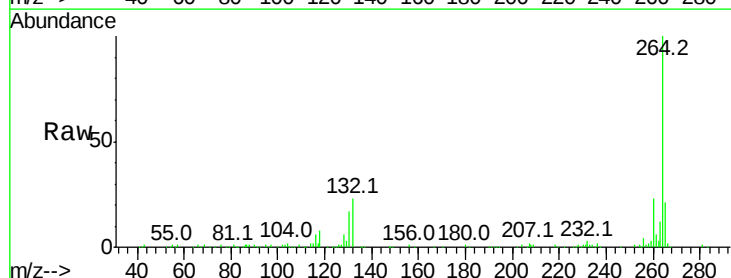
Tgt Ion:264 Resp: 173217

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.7 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

