

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099914.D
 Acq On : 28 Oct 2017 13:49
 Operator : SJ/JU
 Sample : I6071-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-5(0-5)

Quant Time: Oct 30 02:35:56 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

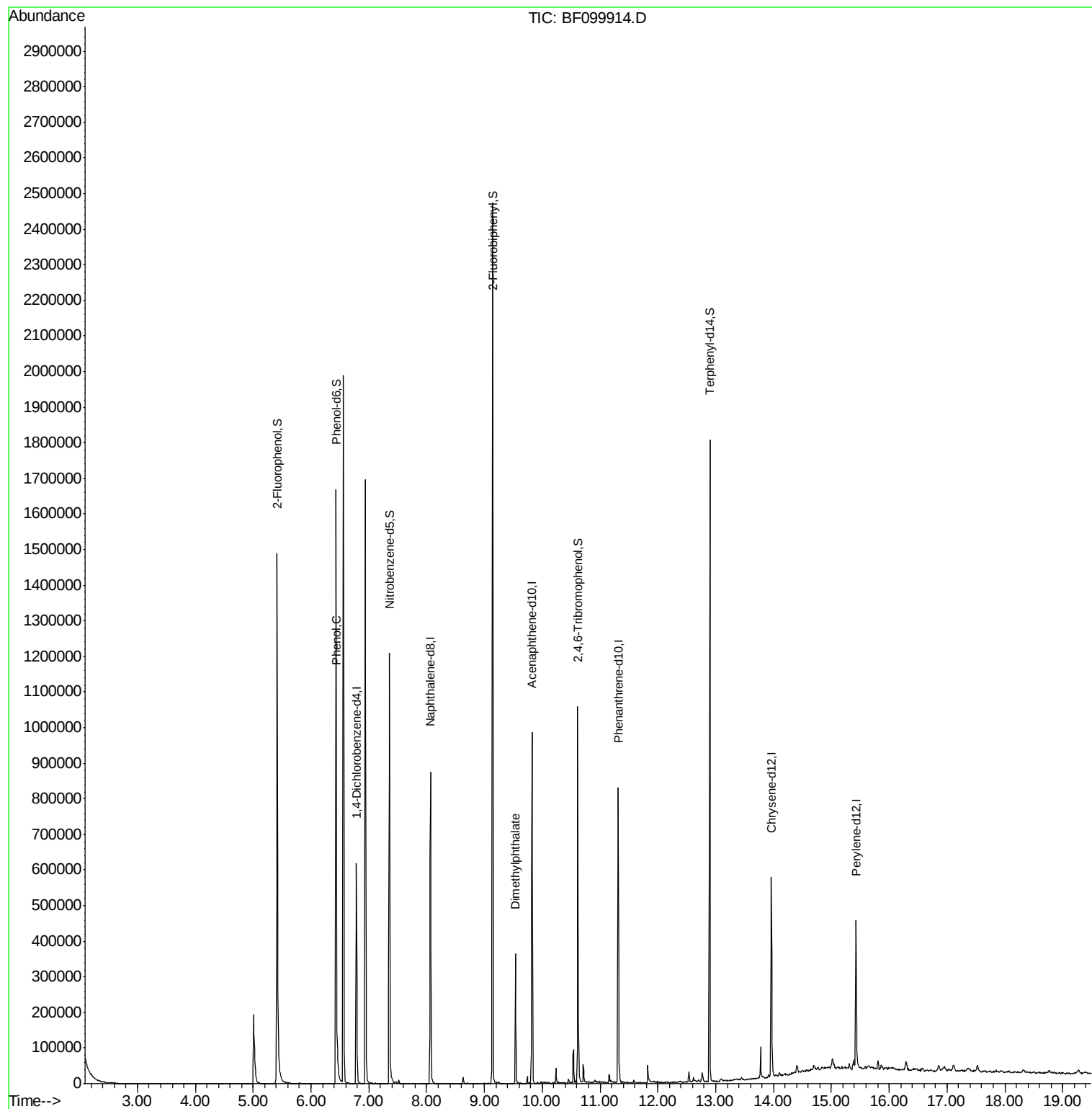
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102085	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	424601	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	190332	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	298709	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	181029	20.00	ng	-0.03
86) Perylene-d12	15.43	264	188884	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	592221	91.08	ng	0.00
7) Phenol-d6	6.43	99	711499	92.28	ng	0.00
23) Nitrobenzene-d5	7.36	82	414764	62.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	131422	75.77	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	894398	72.50	ng	-0.01
78) Terphenyl-d14	12.90	244	580212	70.04	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	18782	2.219	ng	86
49) Dimethylphthalate	9.54	163	151758	10.068	ng	100

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

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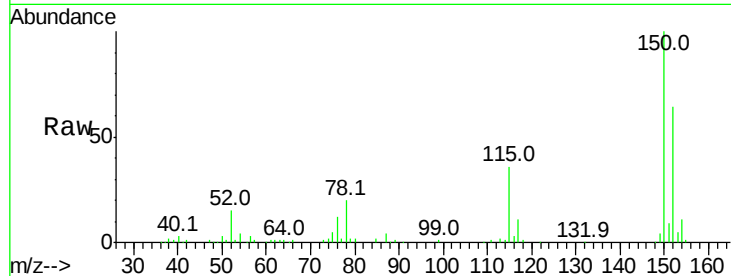


#1

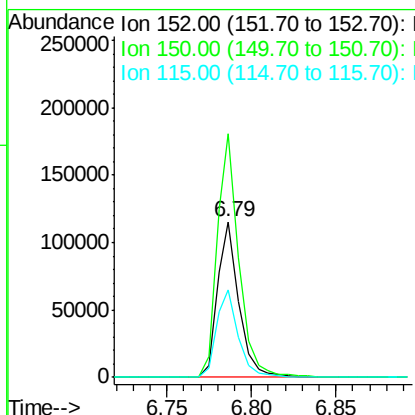
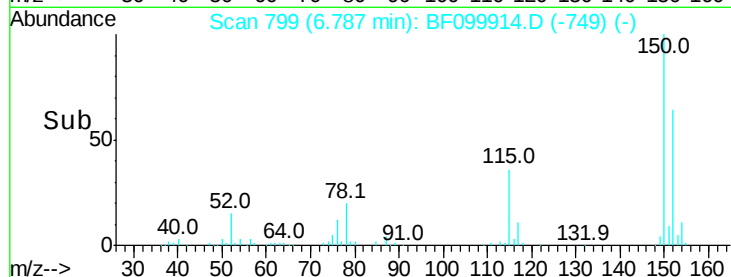
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099914.D
Acq: 28 Oct 2017 13:49

Instrument :
BNA_F
ClientSampleId :
ENV-116-5(0-5)

Tot Ion:152 Resp: 102085
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 56.6 50.1 75.1



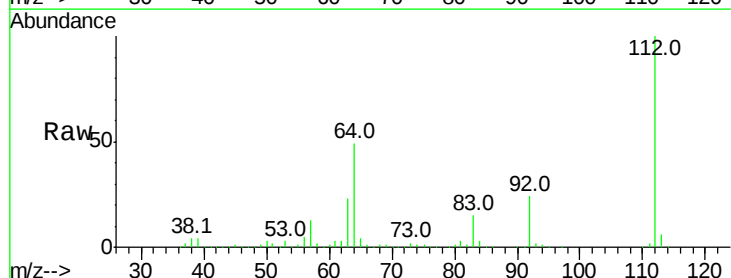
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



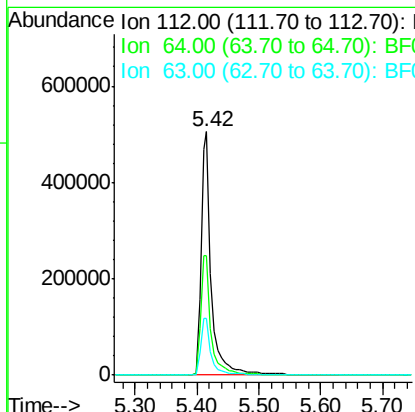
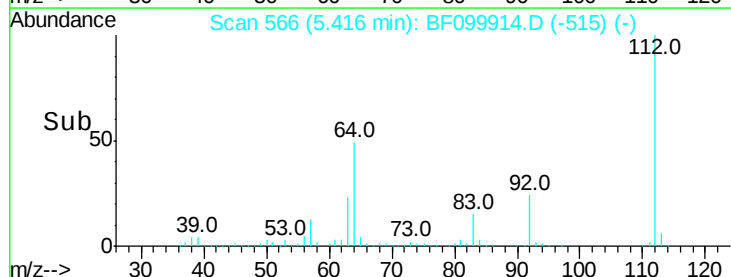
#5

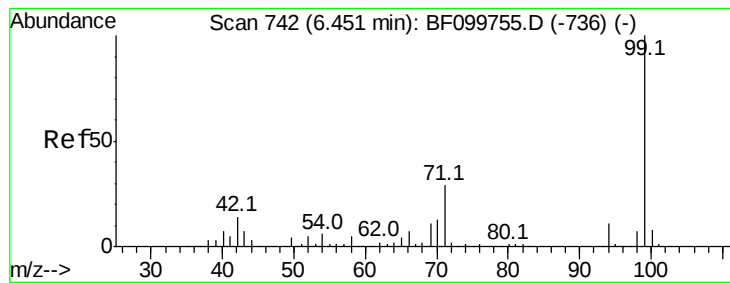
2-Fluorophenol
Concen: 91.078 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099914.D
Acq: 28 Oct 2017 13:49

Tgt Ion:112 Resp: 592221
Ion Ratio Lower Upper
112 100
64 49.2 47.9 71.9
63 23.3 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: 92.283 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(0-5)

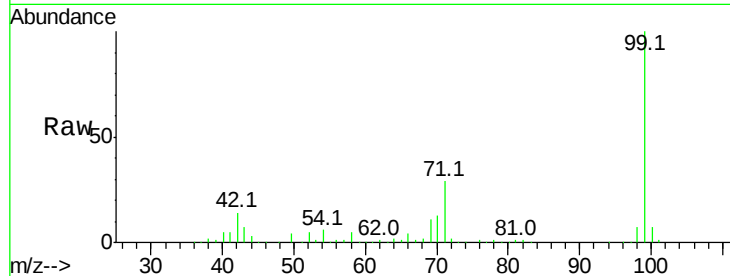
Tot Ion: 99 Resp: 711499

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

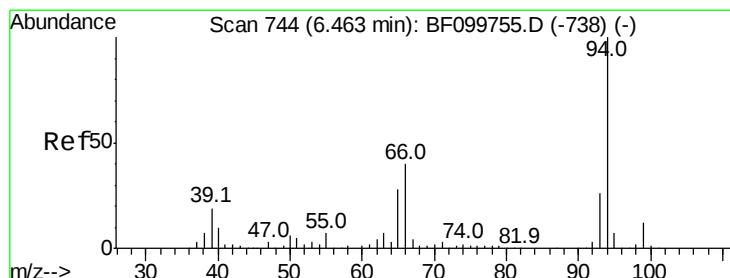
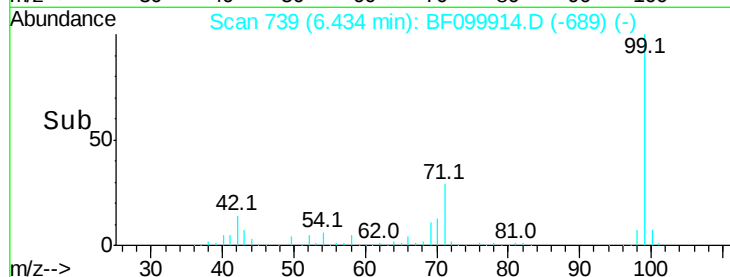
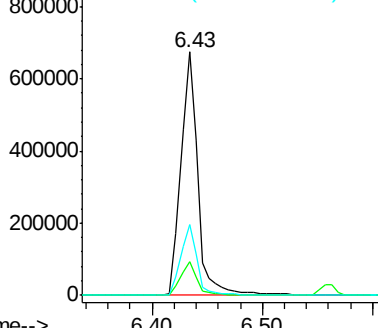
71 29.3 25.4 38.0



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: 2.219 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

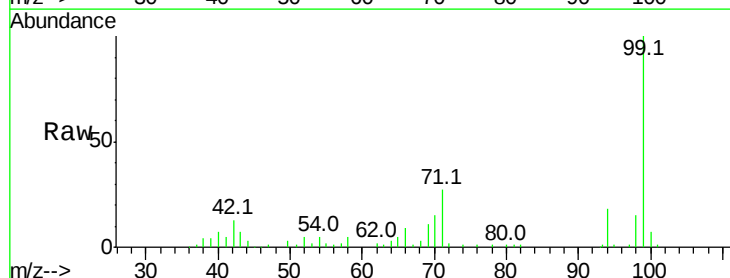
Tgt Ion: 94 Resp: 18782

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

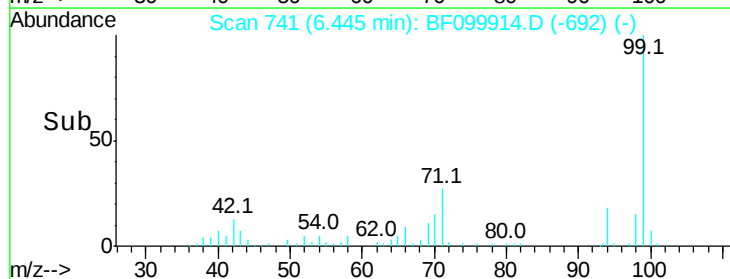
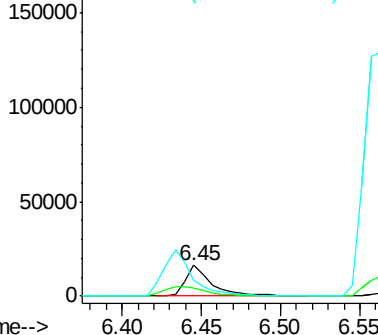
66 50.5 16.2 56.2



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# 1017

Delta R.T. -0.01 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(0-5)

Tot Ion:136 Resp: 424601

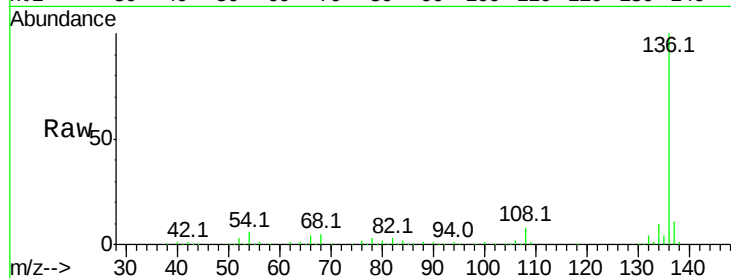
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

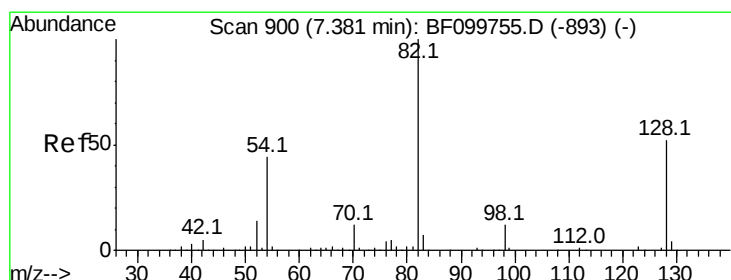
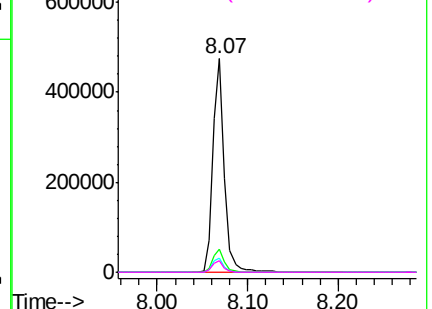
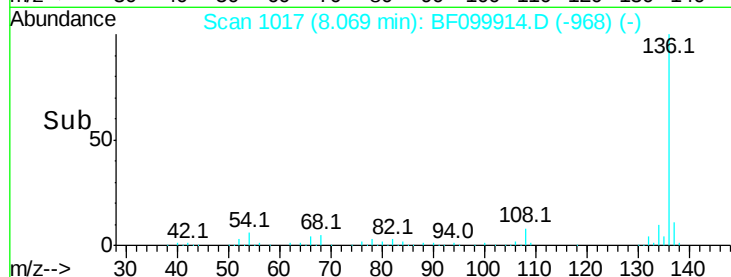


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.889 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

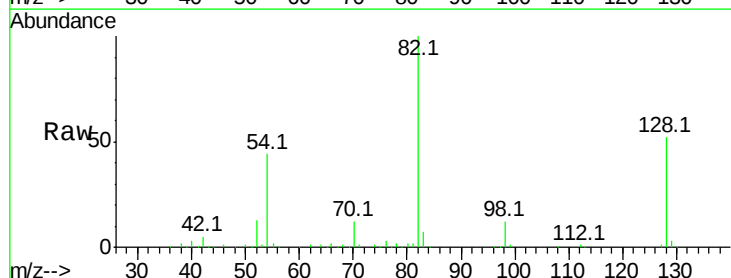
Tgt Ion: 82 Resp: 414764

Ion Ratio Lower Upper

82 100

128 52.0 36.1 54.1

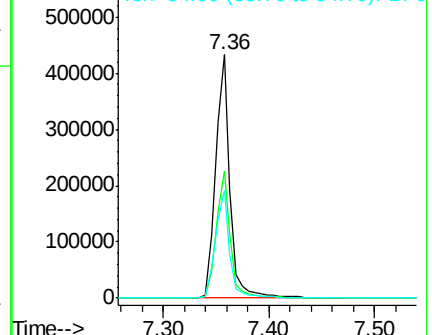
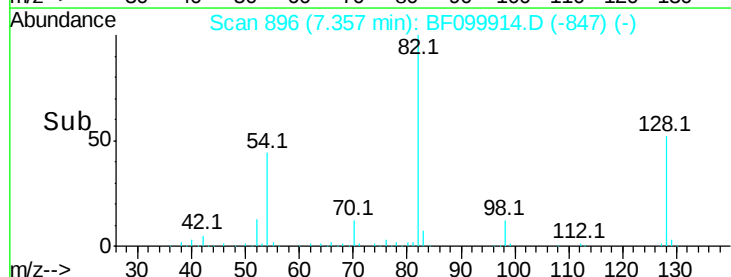
54 44.1 41.4 62.2

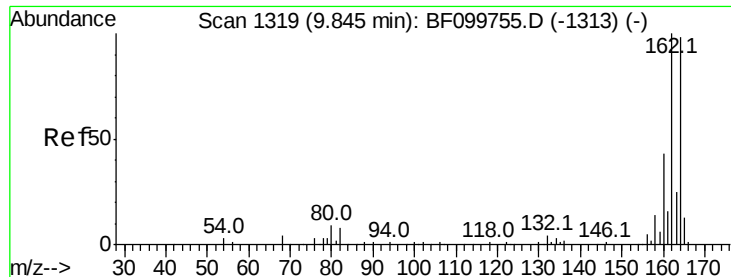


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

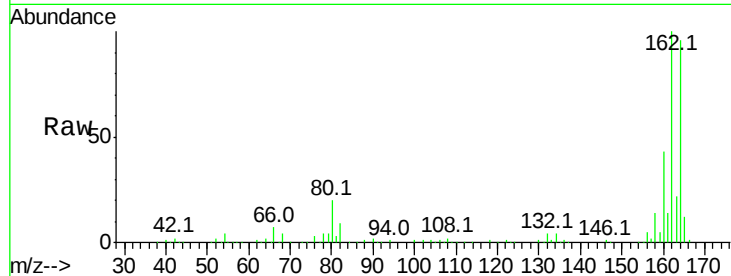




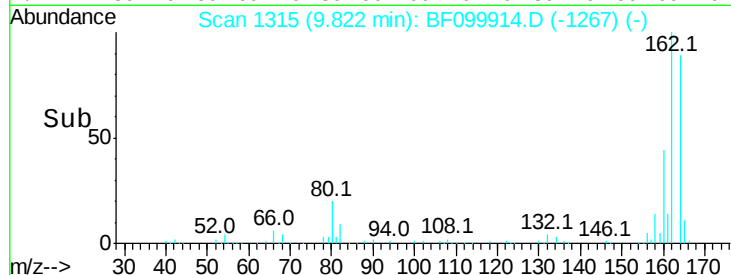
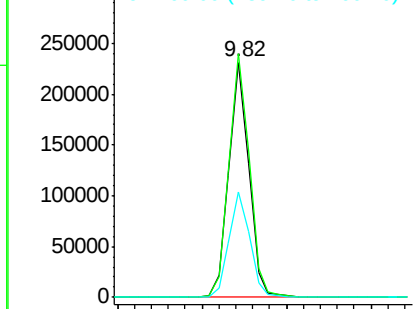
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099914.D
 Acq: 28 Oct 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-5(0-5)

Tot Ion:164 Resp: 190332
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.1 38.3 57.5

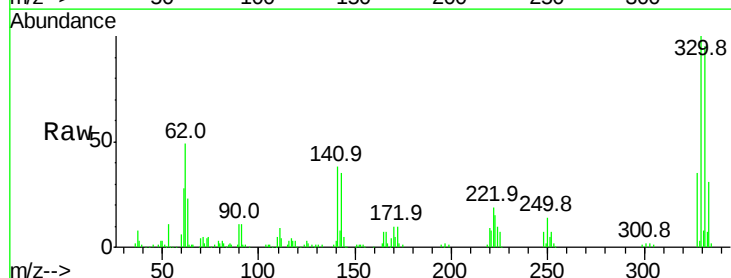


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

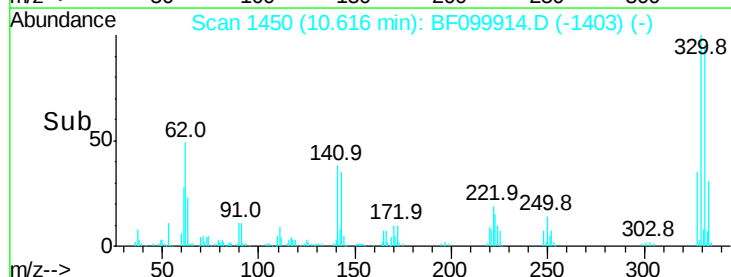
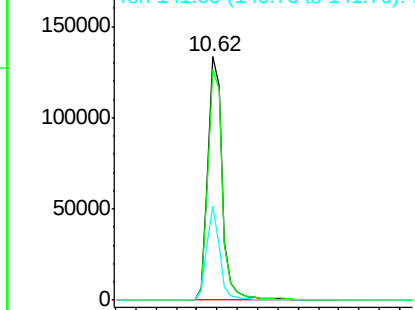


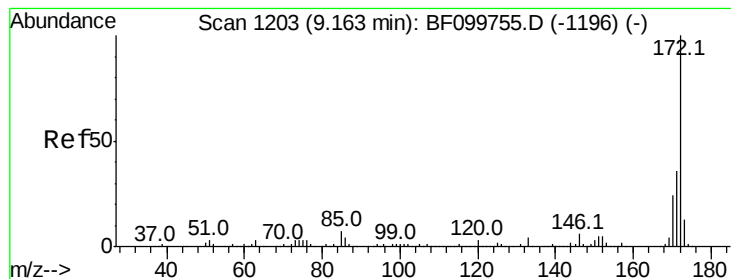
#41
 2,4,6-Tribromophenol
 Concen: 75.768 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099914.D
 Acq: 28 Oct 2017 13:49

Tgt Ion:330 Resp: 131422
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 34.8 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: 72.500 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(0-5)

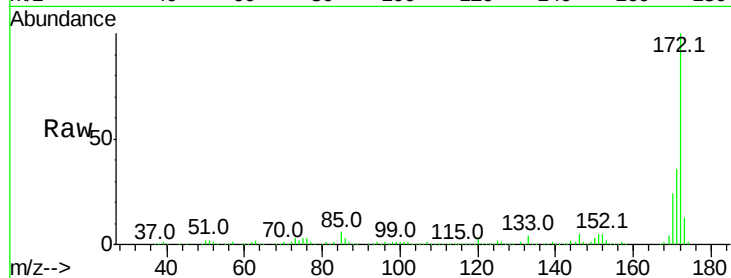
Tot Ion:172 Resp: 894398

Ion Ratio Lower Upper

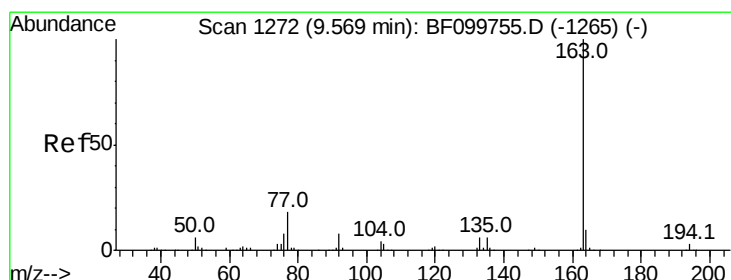
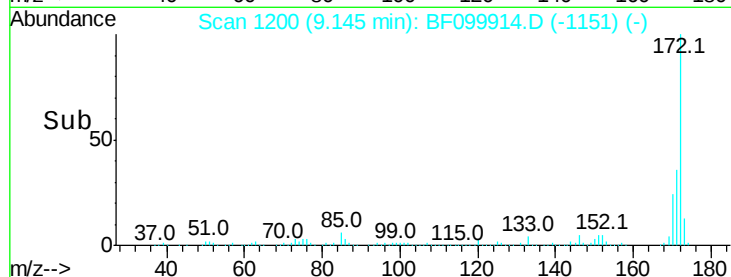
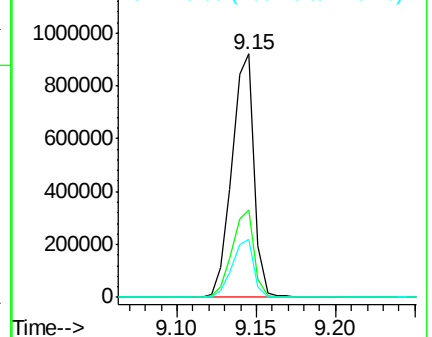
172 100

171 36.1 29.7 44.5

170 23.6 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: 10.068 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

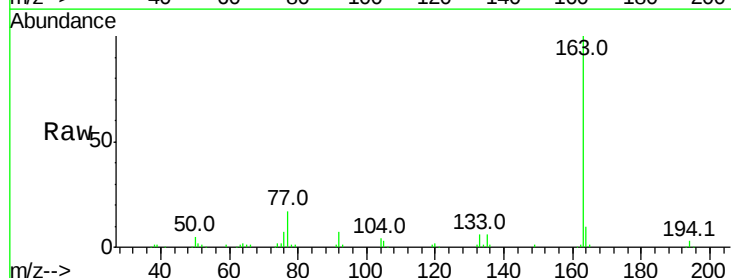
Tgt Ion:163 Resp: 151758

Ion Ratio Lower Upper

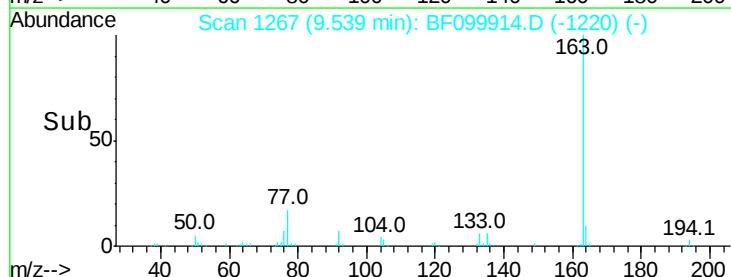
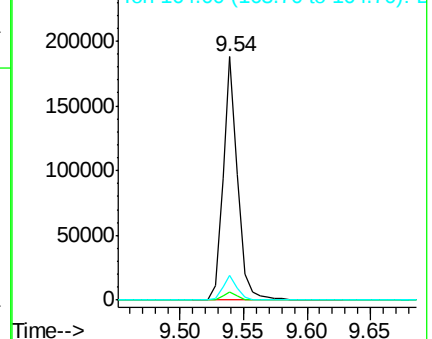
163 100

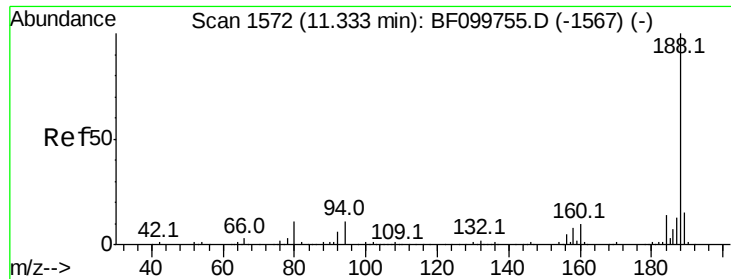
194 3.2 2.7 4.1

164 10.1 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

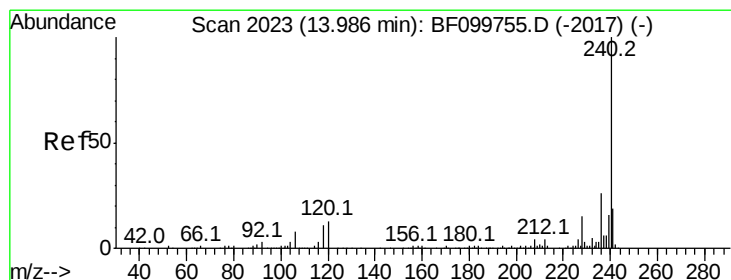
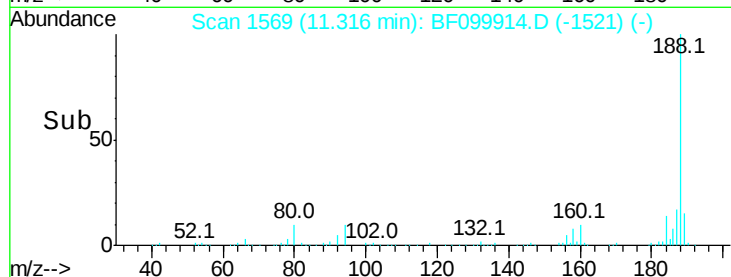
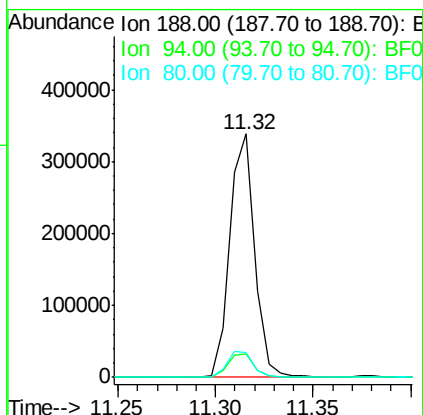
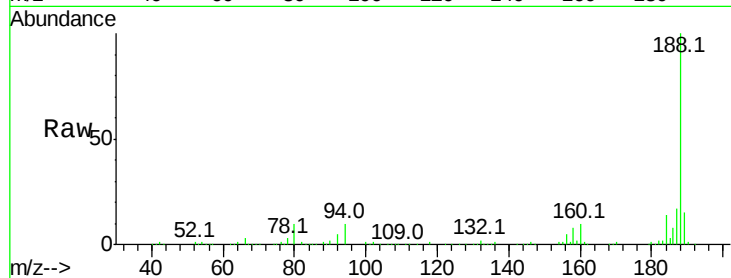




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099914.D
Acq: 28 Oct 2017 13:49

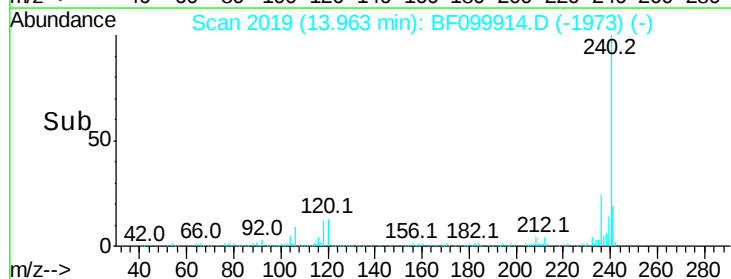
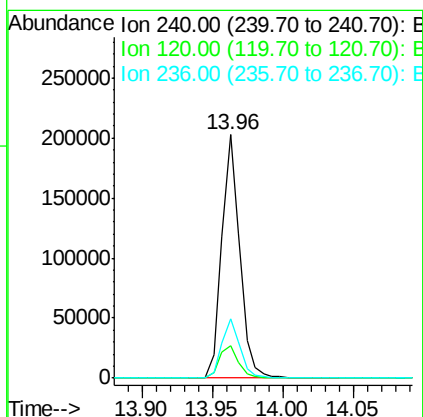
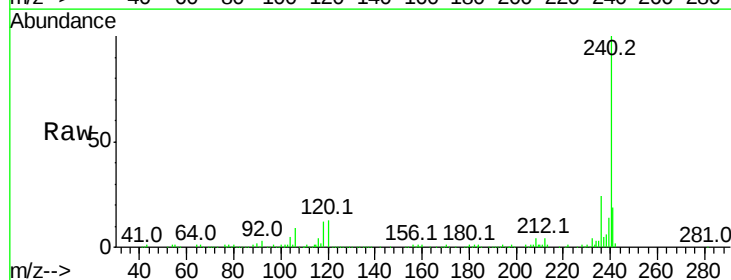
Instrument :
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ENV-116-5(0-5)

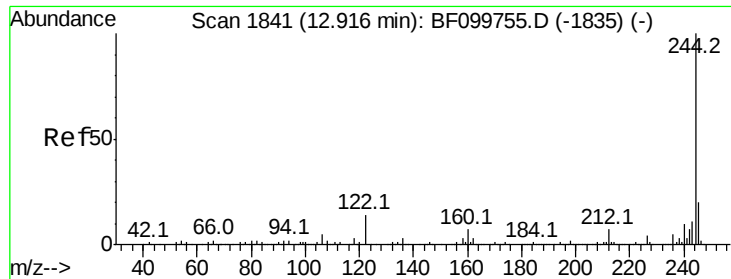
Tot Ion:188 Resp: 298709
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099914.D
Acq: 28 Oct 2017 13:49

Tgt Ion:240 Resp: 181029
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 24.4 20.7 31.1





#78

Terphenyl-d14

Concen: 70.043 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(0-5)

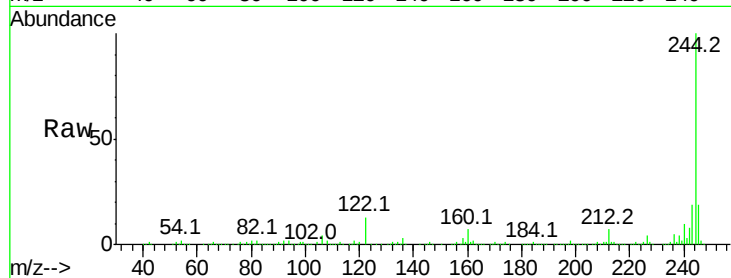
Tot Ion:244 Resp: 580212

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

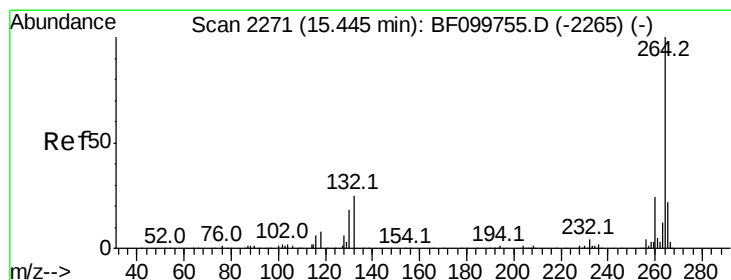
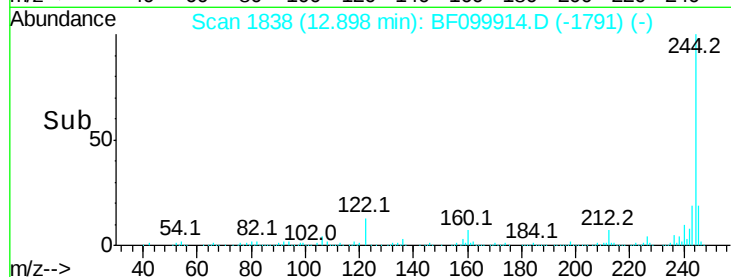
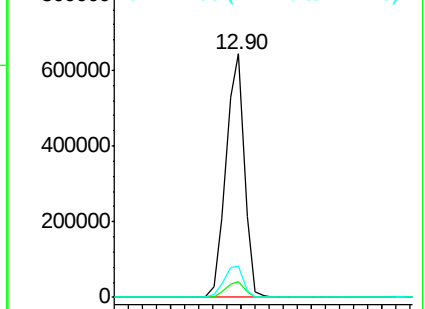
122 12.6 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

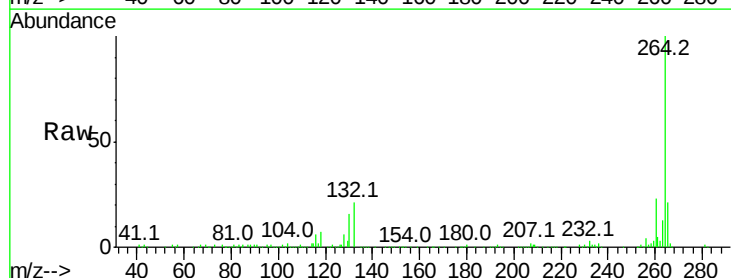
Tgt Ion:264 Resp: 188884

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.5 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

