

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099698.D
 Acq On : 20 Oct 2017 14:01
 Operator : SJ/JU
 Sample : I5922-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-125-11(50-58)

Quant Time: Oct 22 00:07:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

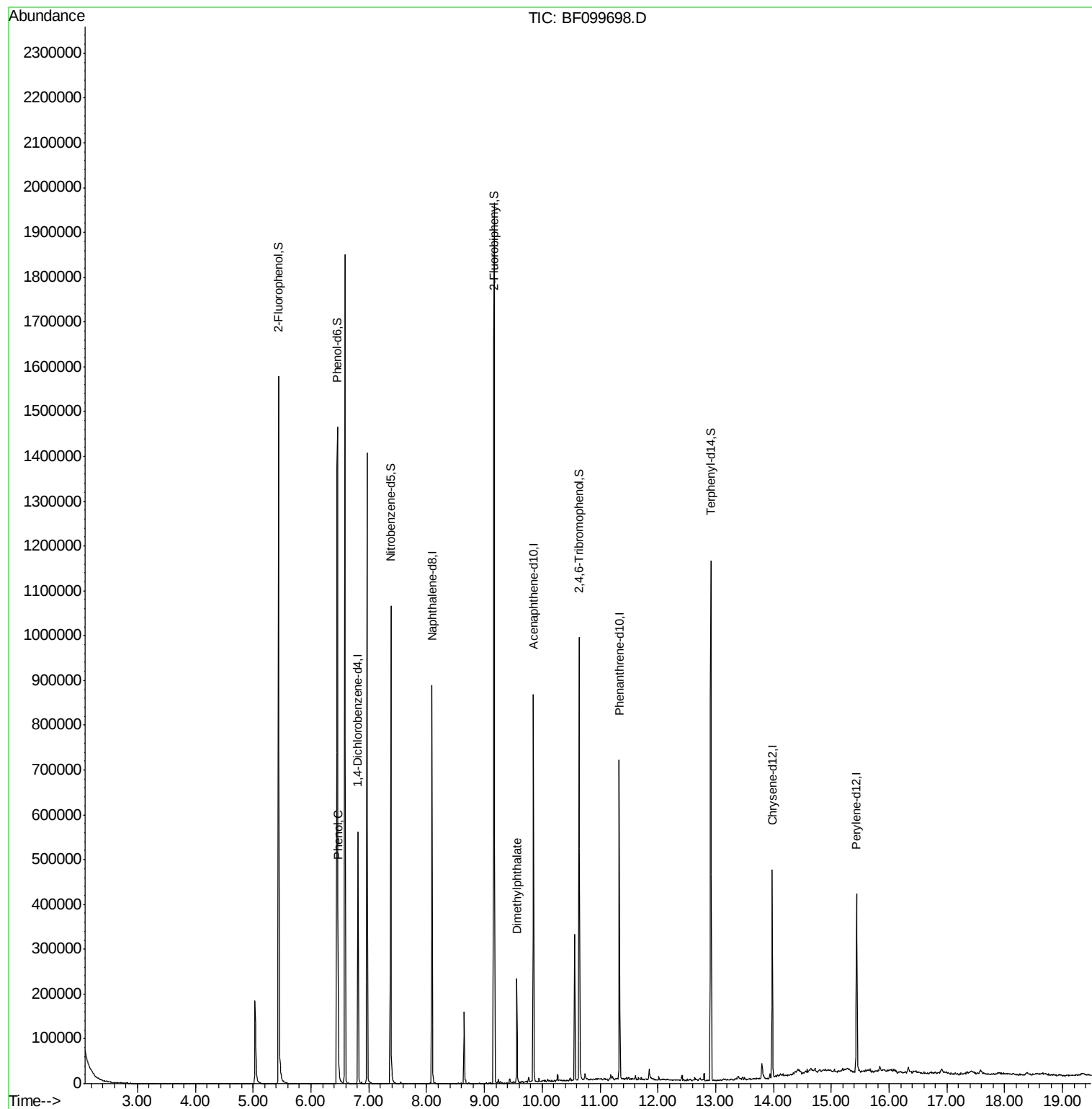
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	92416	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	392357	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	167899	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	253312	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	152780	20.00	ng	-0.01
86) Perylene-d12	15.44	264	168408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	504115	86.84	ng	0.00
7) Phenol-d6	6.46	99	597835	83.48	ng	0.00
23) Nitrobenzene-d5	7.38	82	335363	54.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	111895	81.45	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	611036	60.76	ng	0.00
78) Terphenyl-d14	12.92	244	339482	50.53	ng	0.00
Target Compounds						
10) Phenol	6.47	94	26269	3.280	ng	97
49) Dimethylphthalate	9.56	163	88589	6.991	ng	99

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

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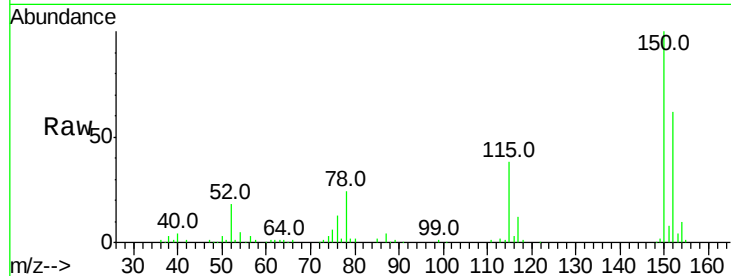


#1

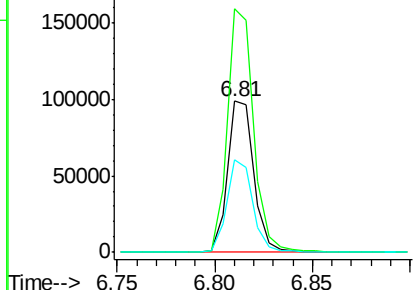
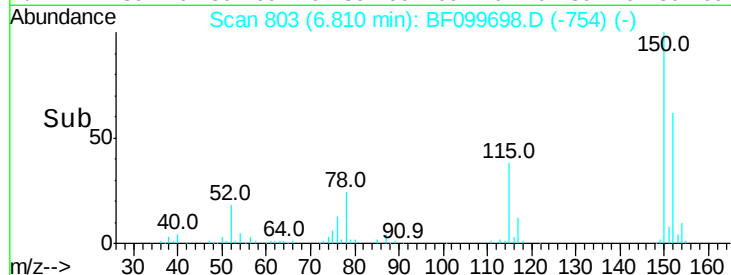
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :
ENV-125-11(50-58)

Tot Ion:152 Resp: 92416
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 61.6 50.1 75.1



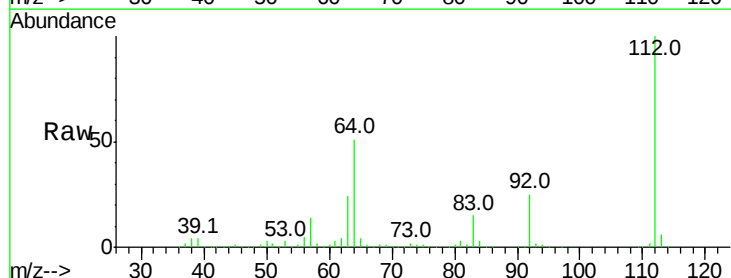
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



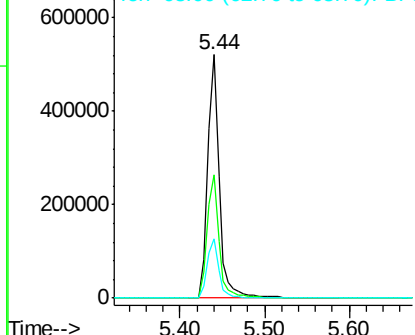
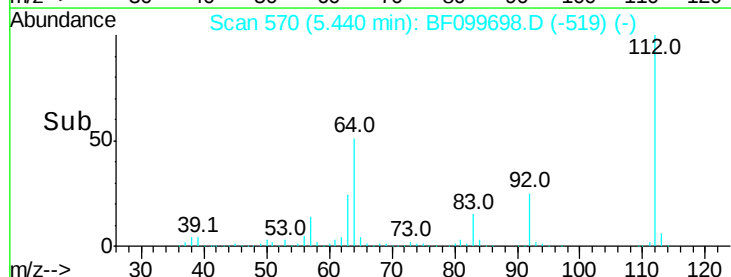
#5

2-Fluorophenol
Concen: 86.836 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion:112 Resp: 504115
Ion Ratio Lower Upper
112 100
64 50.7 47.9 71.9
63 24.4 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: 83.478 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099698.D

Acq: 20 Oct 2017 14:01

Instrument :

BNA_F

ClientSampleId :

ENV-125-11(50-58)

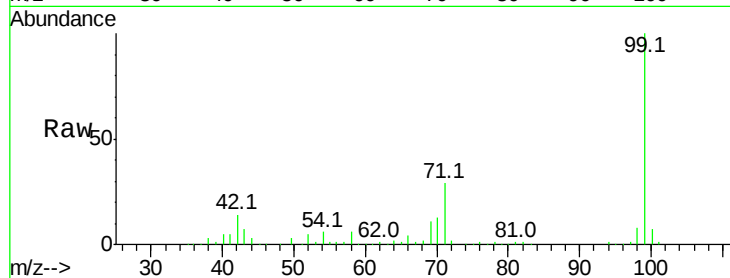
Tot Ion: 99 Resp: 597835

Ion Ratio Lower Upper

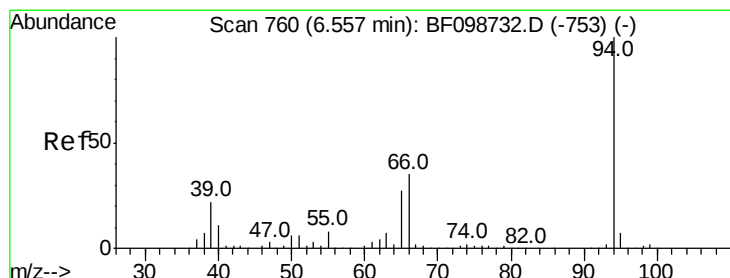
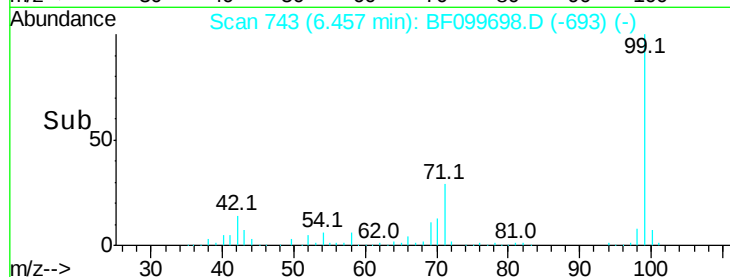
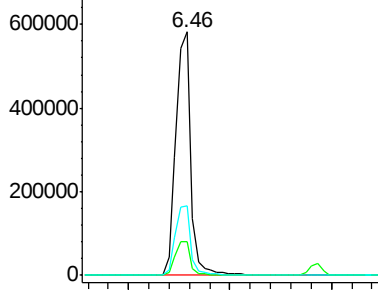
99 100

42 13.9 14.5 21.7#

71 28.7 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: 3.280 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099698.D

Acq: 20 Oct 2017 14:01

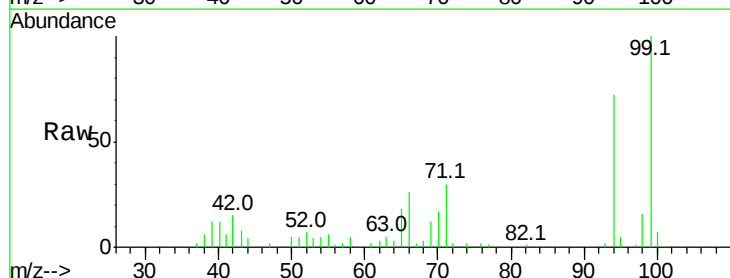
Tgt Ion: 94 Resp: 26269

Ion Ratio Lower Upper

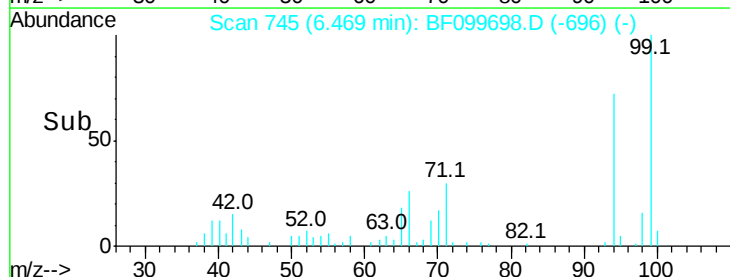
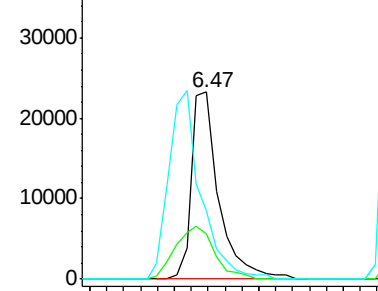
94 100

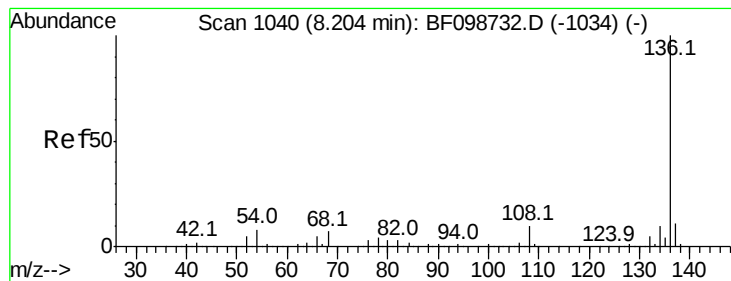
65 24.3 7.9 47.9

66 36.3 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099698.D

Acq: 20 Oct 2017 14:01

Instrument :

BNA_F

ClientSampleId :

ENV-125-11(50-58)

Tot Ion:136 Resp: 392357

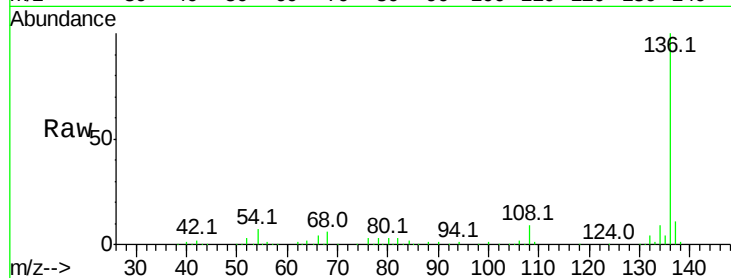
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

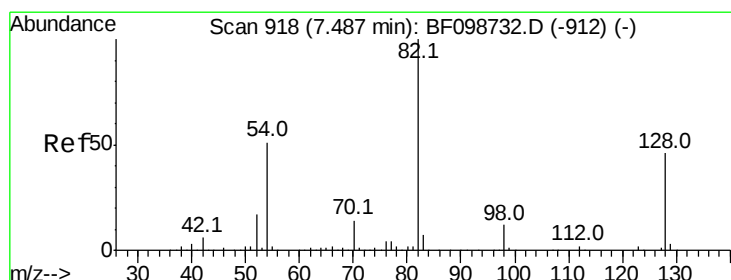
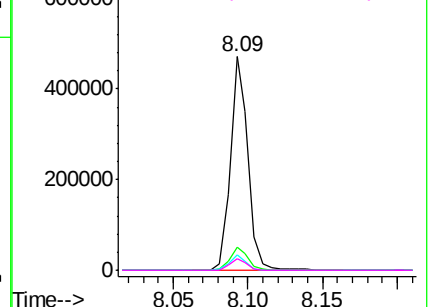
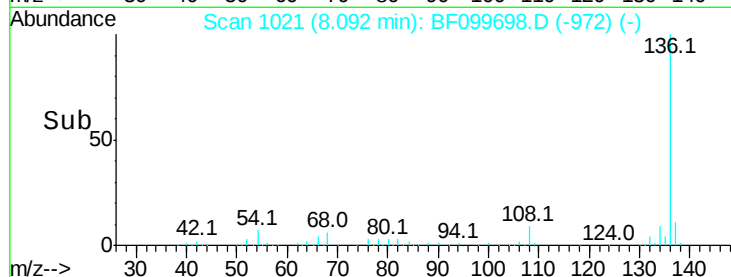


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.815 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF099698.D

Acq: 20 Oct 2017 14:01

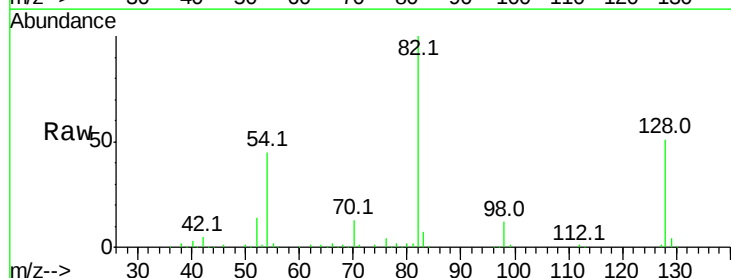
Tgt Ion: 82 Resp: 335363

Ion Ratio Lower Upper

82 100

128 50.7 36.1 54.1

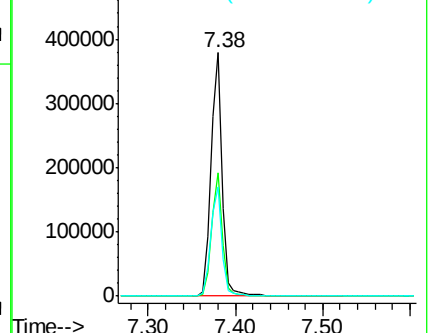
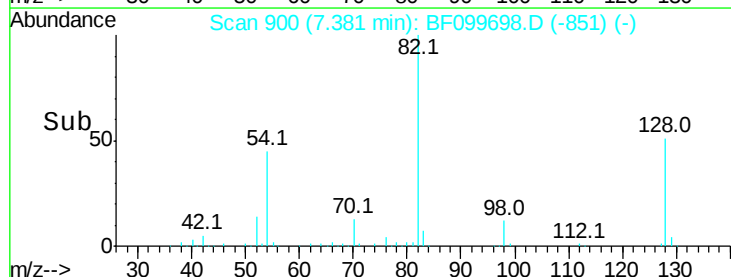
54 44.6 41.4 62.2

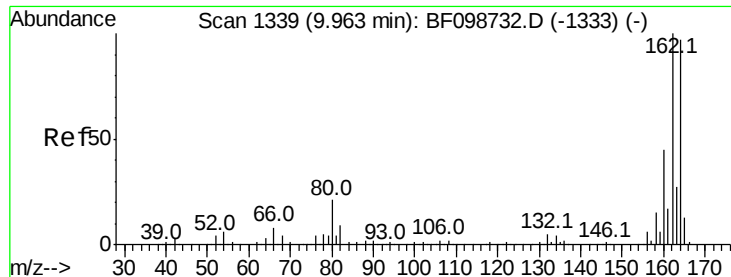


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

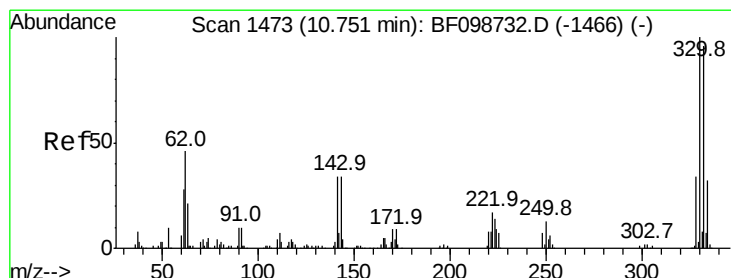
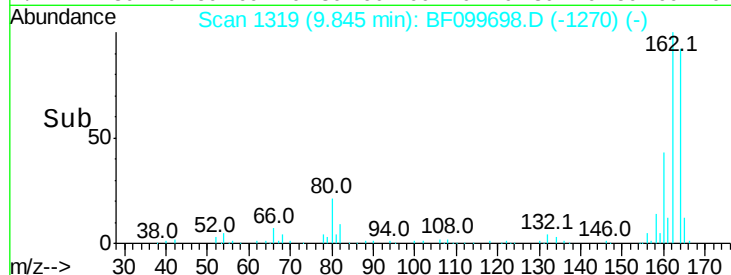
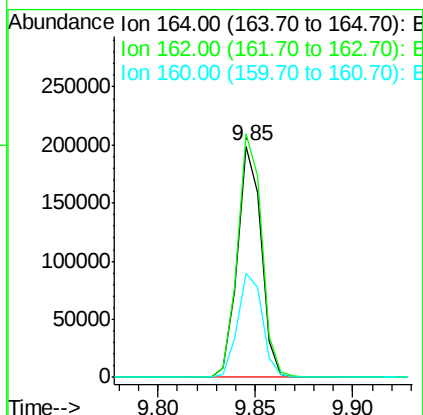
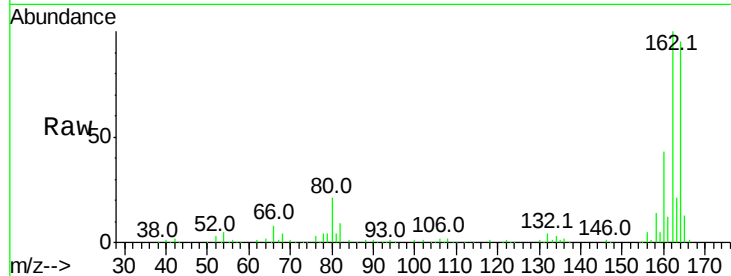




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

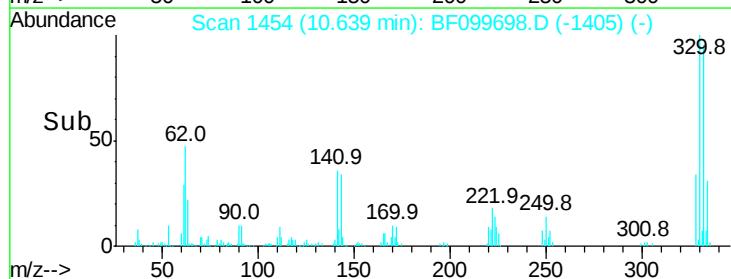
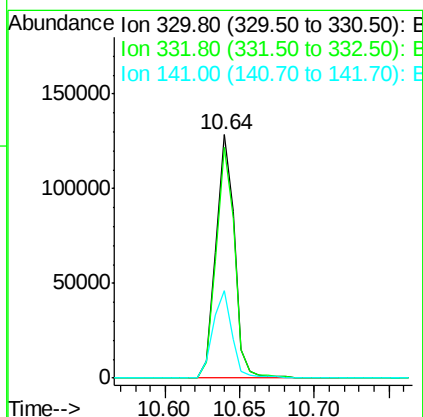
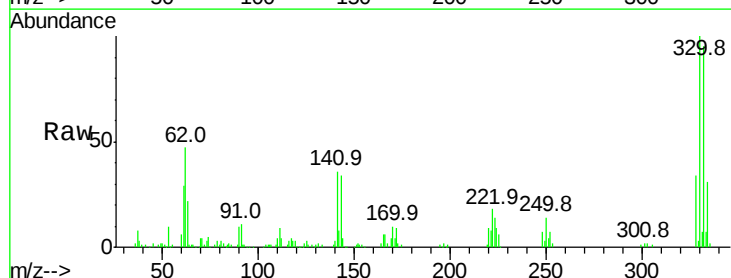
Instrument :
BNA_F
ClientSampleId :
ENV-125-11(50-58)

Tot Ion:164 Resp: 167899
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 45.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 81.445 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion:330 Resp: 111895
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 37.2 29.9 44.9

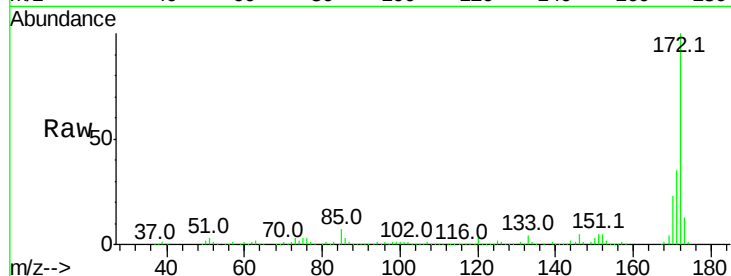




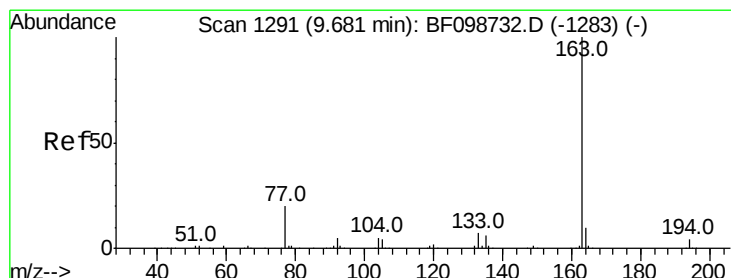
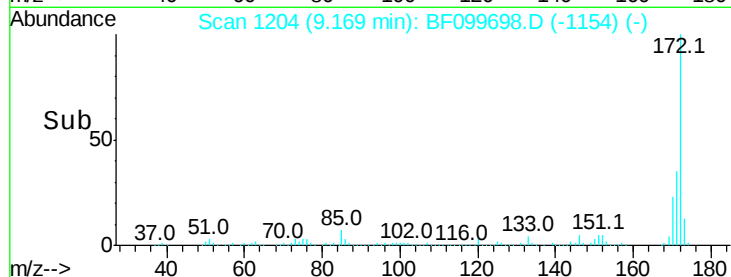
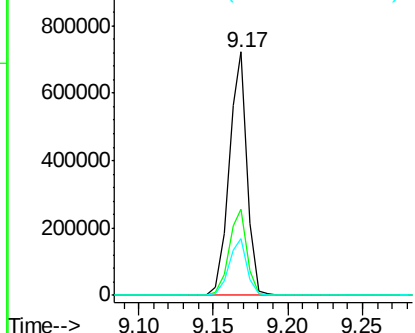
#44
2-Fluorobiphenyl
Concen: 60.755 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :
ENV-125-11(50-58)

Tot Ion:172 Resp: 611036
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.2 19.6 29.4

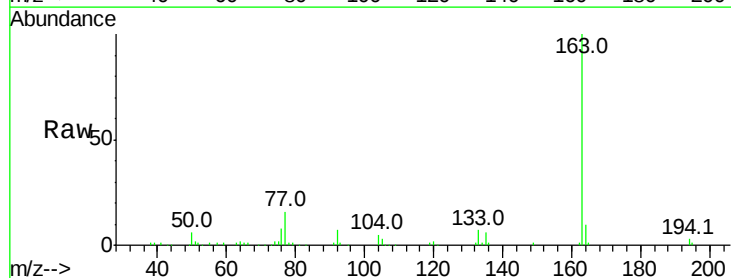


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

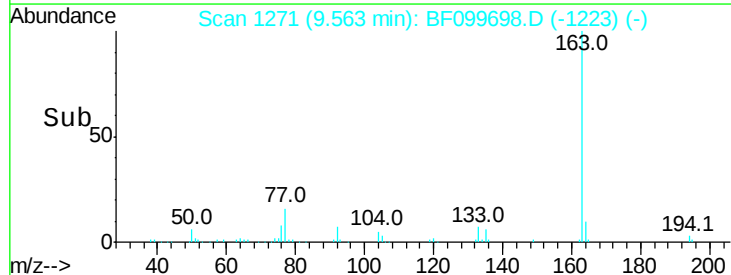
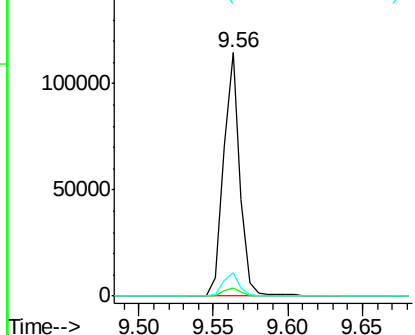


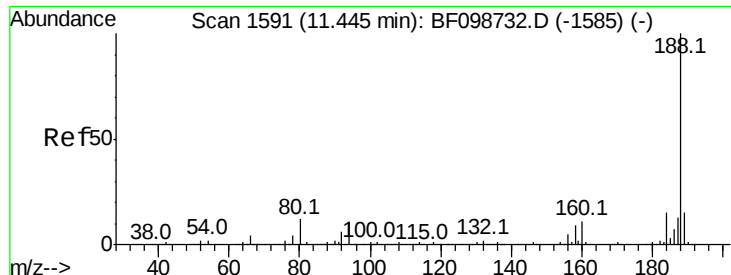
#49
Dimethylphthalate
Concen: 6.991 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion:163 Resp: 88589
Ion Ratio Lower Upper
163 100
194 3.4 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. -0.01 min

Lab File: BF099698.D

Acq: 20 Oct 2017 14:01

Instrument :

BNA_F

ClientSampleId :

ENV-125-11(50-58)

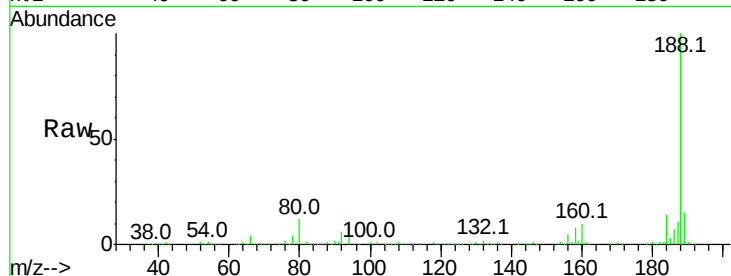
Tot Ion:188 Resp: 253312

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

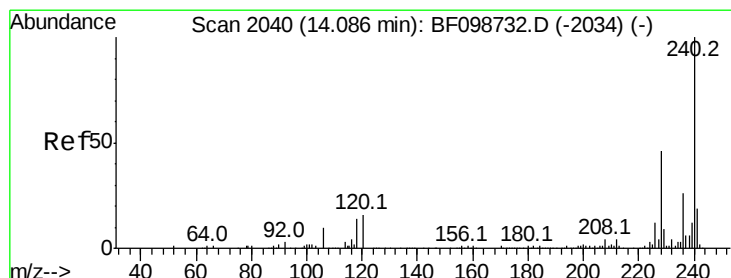
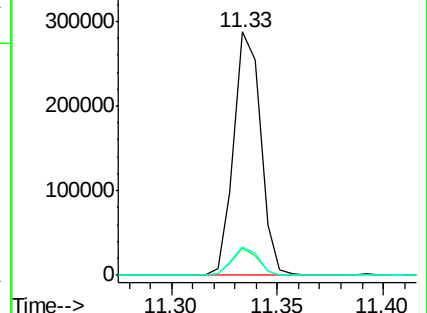
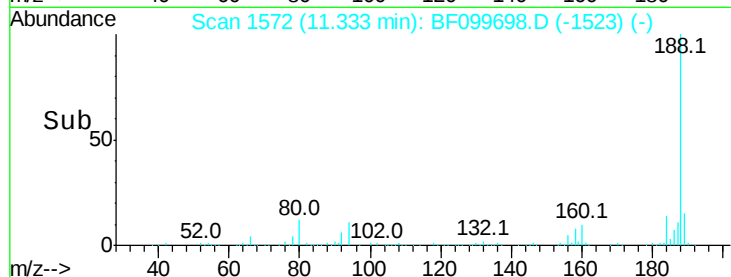
80 11.8 9.2 13.8



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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099698.D

Acq: 20 Oct 2017 14:01

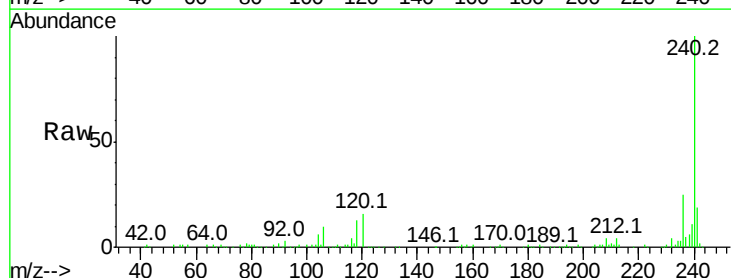
Tgt Ion:240 Resp: 152780

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

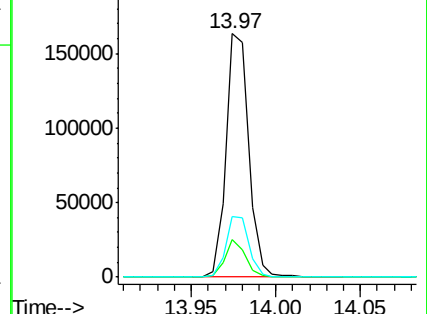
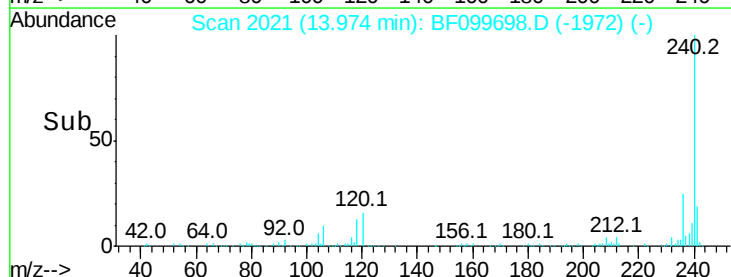
236 24.9 20.7 31.1



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: 50.533 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099698.D

Acq: 20 Oct 2017 14:01

Instrument :

BNA_F

ClientSampleId :

ENV-125-11(50-58)

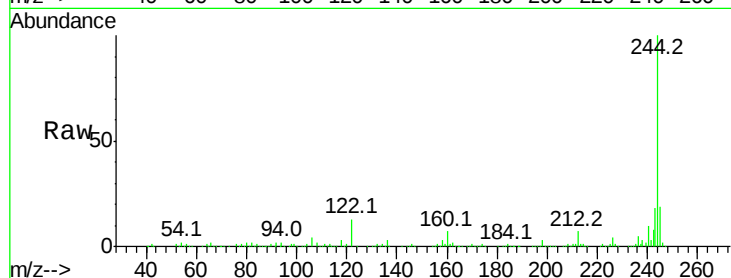
Tot Ion:244 Resp: 339482

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

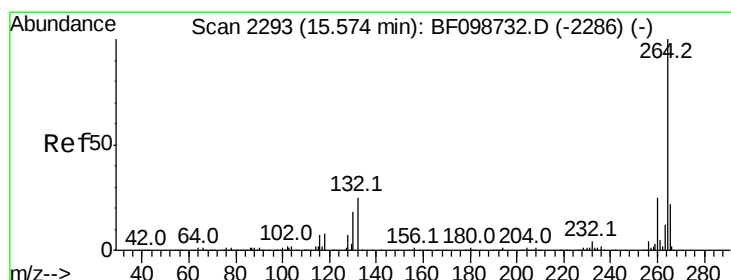
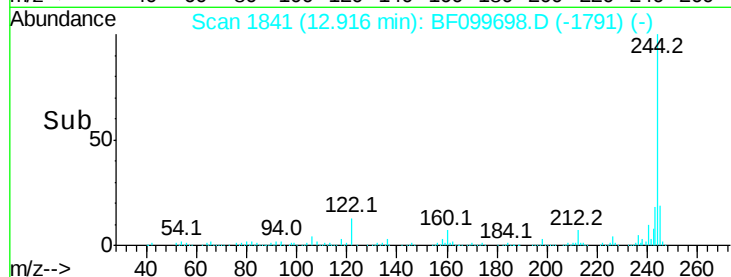
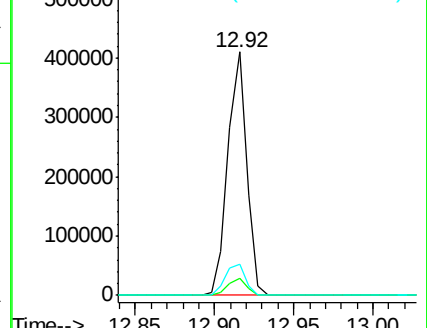
122 12.9 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF099698.D

Acq: 20 Oct 2017 14:01

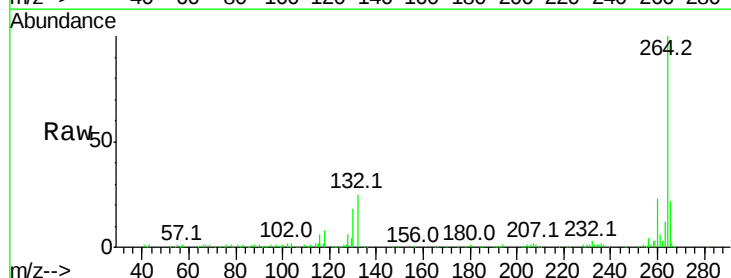
Tgt Ion:264 Resp: 168408

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.8 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

