

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099301.D
 Acq On : 10 Oct 2017 15:11
 Operator : SJ/JU
 Sample : I5651-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(0-5)

Quant Time: Oct 10 16:38:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

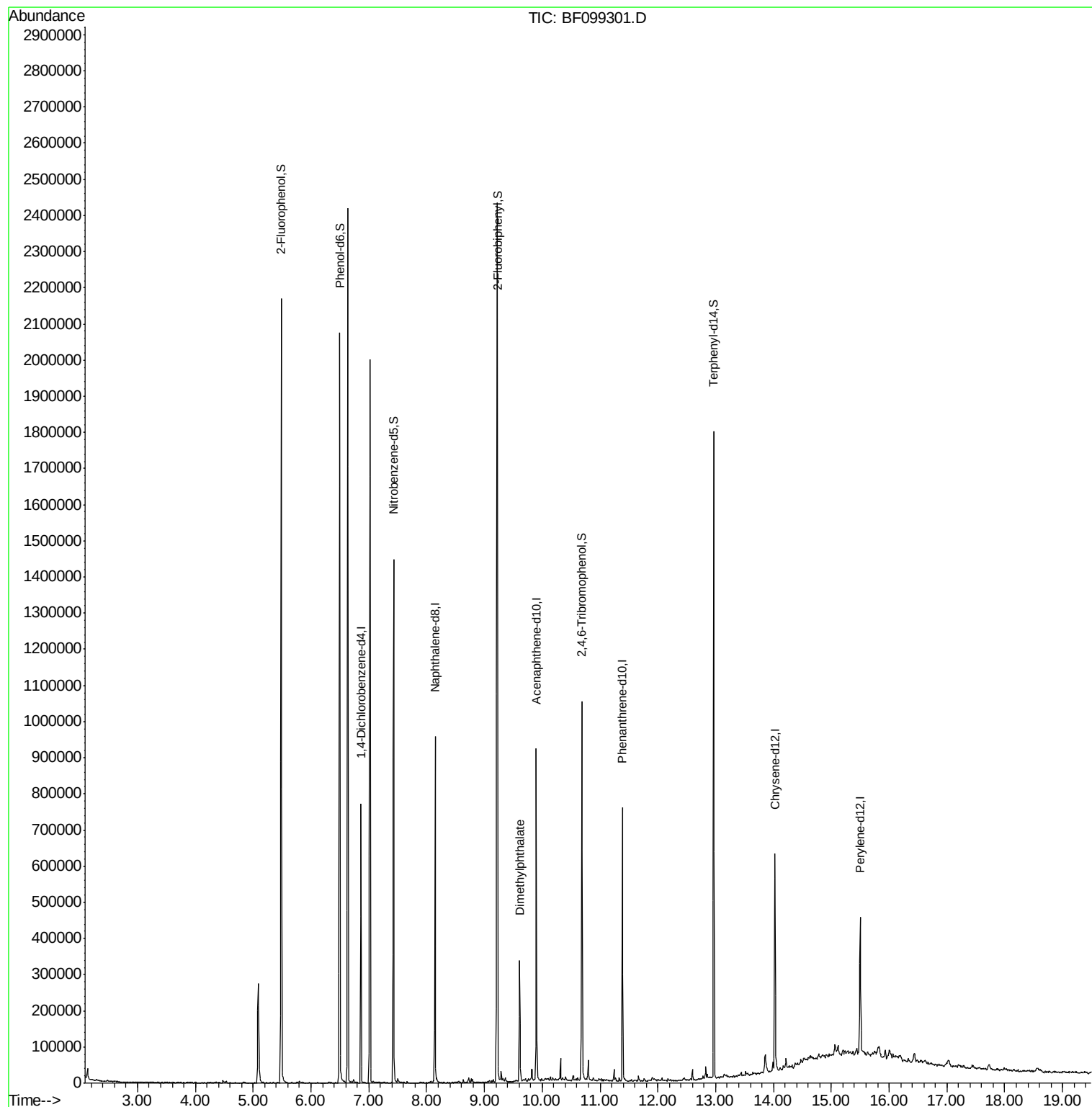
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106572	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	414843	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	168189	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	248871	20.00	ng	0.00
75) Chrysene-d12	14.03	240	197568	20.00	ng	0.00
86) Perylene-d12	15.50	264	151674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	676105	100.99	ng	0.00
7) Phenol-d6	6.50	99	814805	98.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	479094	74.06	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	114096	82.90	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	836627	83.04	ng	0.00
78) Terphenyl-d14	12.97	244	545818	62.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	127402	10.036	ng	Qvalue 99

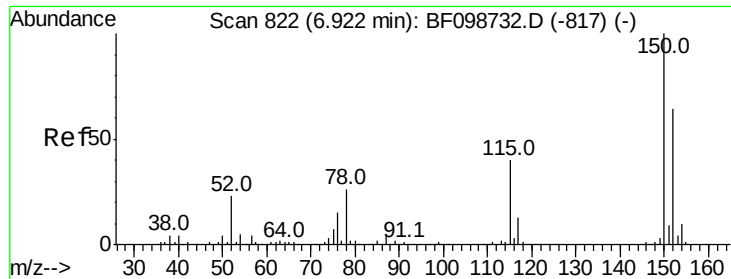
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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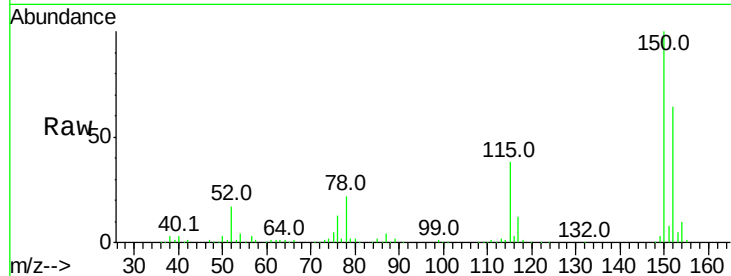


#1

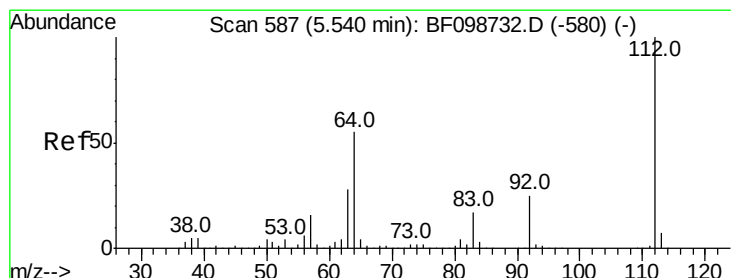
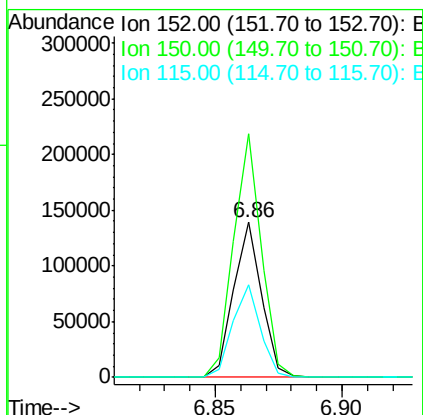
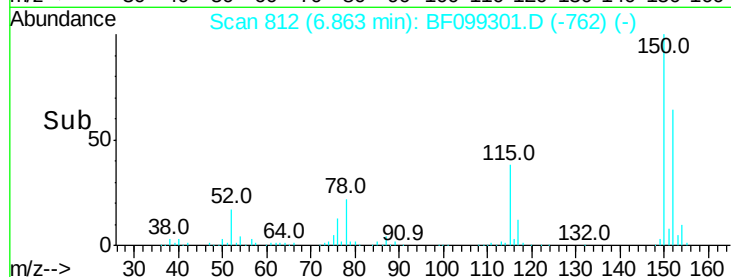
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(0-5)

Tot Ion:152 Resp: 106572
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 59.4 50.1 75.1



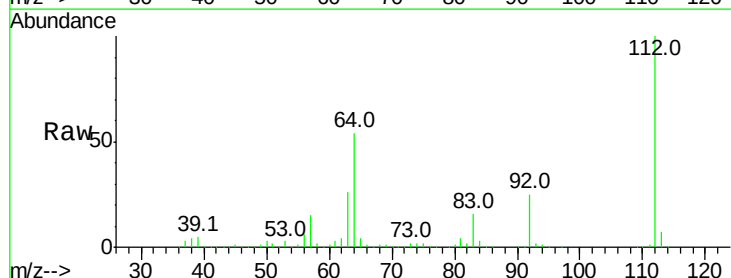
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



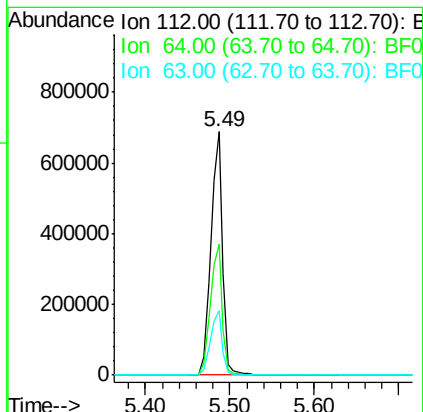
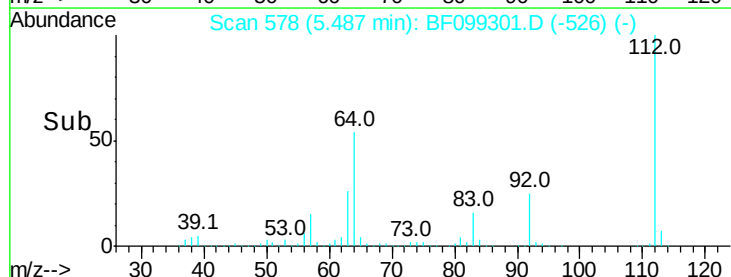
#5

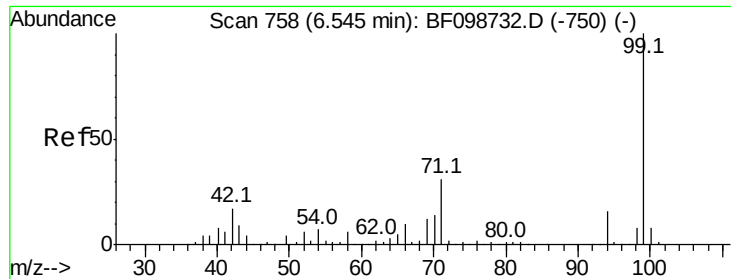
2-Fluorophenol
 Concen: 100.992 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Tgt Ion:112 Resp: 676105
 Ion Ratio Lower Upper
 112 100
 64 53.5 47.9 71.9
 63 26.4 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: 98.661 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099301.D

Acq: 10 Oct 2017 15:11

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(0-5)

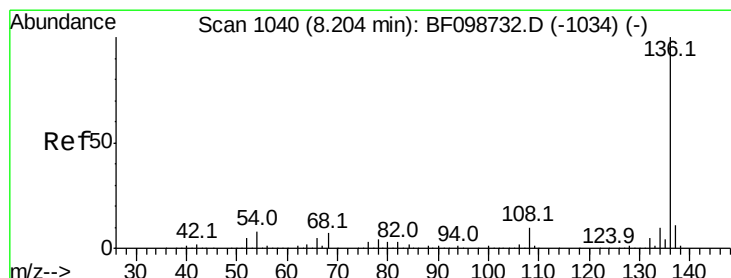
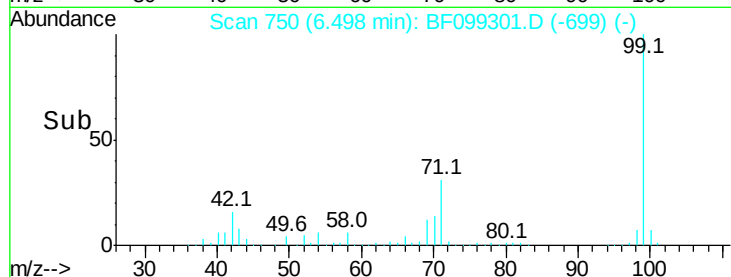
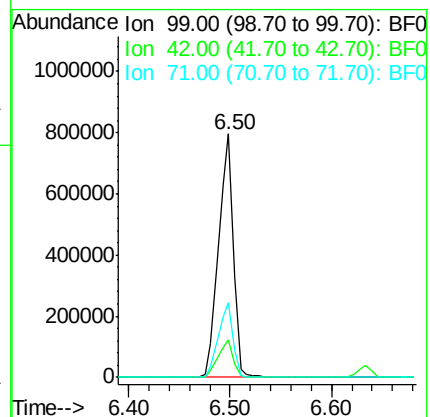
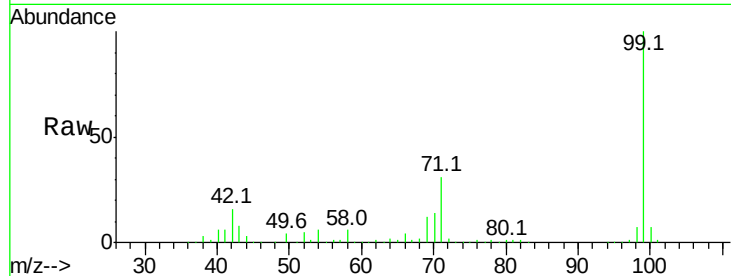
Tot Ion: 99 Resp: 814805

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 30.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099301.D

Acq: 10 Oct 2017 15:11

Tgt Ion: 136 Resp: 414843

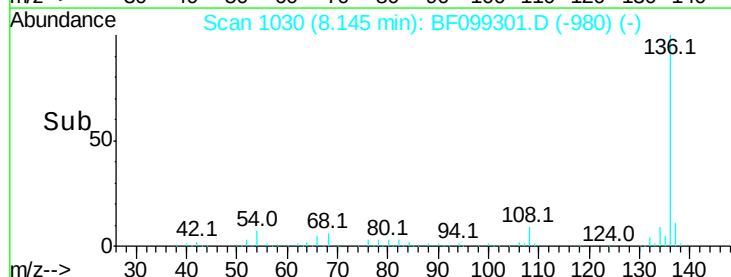
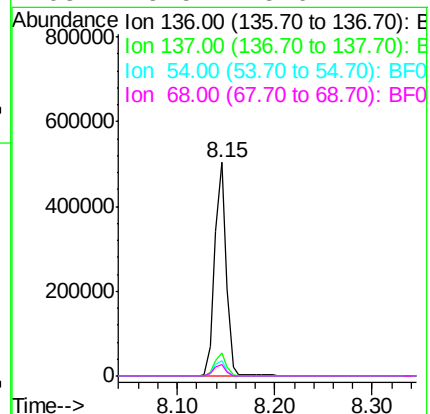
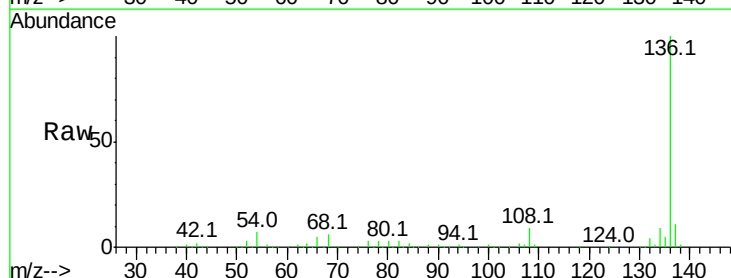
Ion Ratio Lower Upper

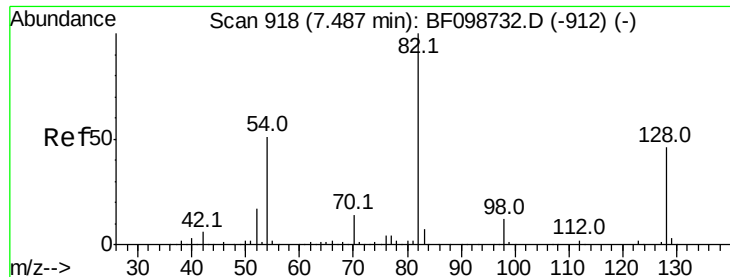
136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 5.5 5.0 7.4

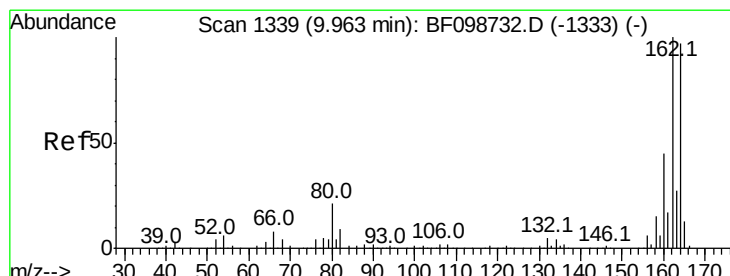
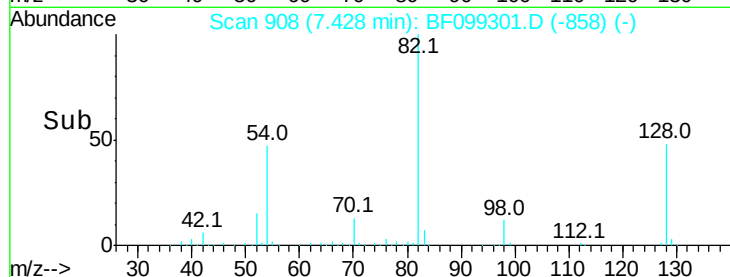
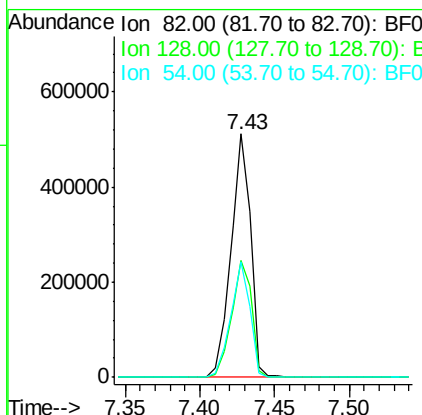
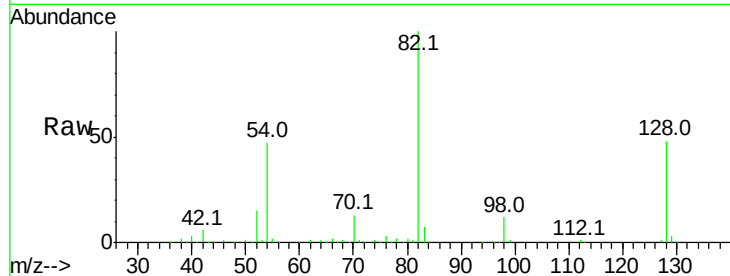




#23
 Nitrobenzene-d5
 Concen: 74.063 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

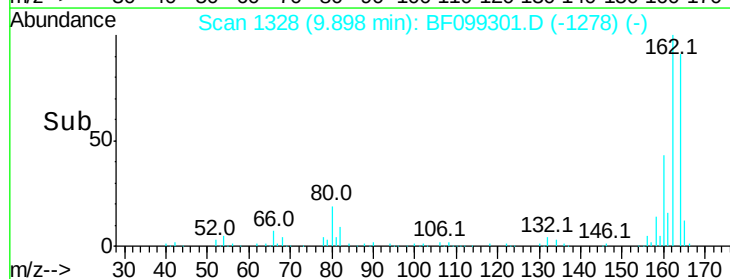
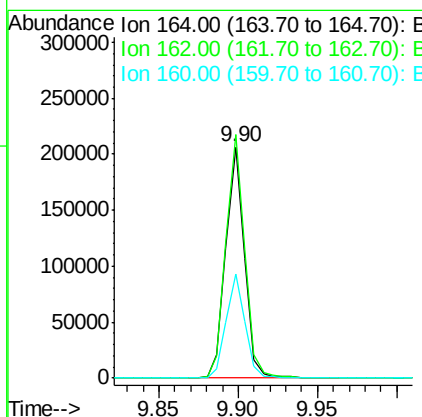
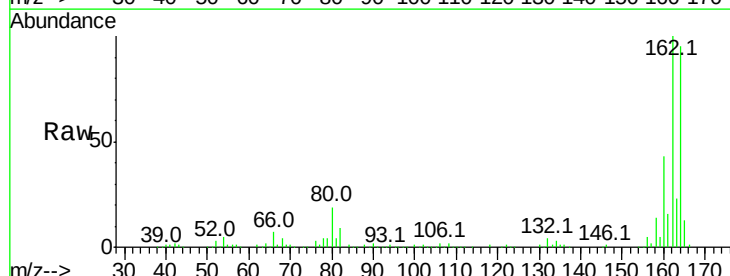
Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(0-5)

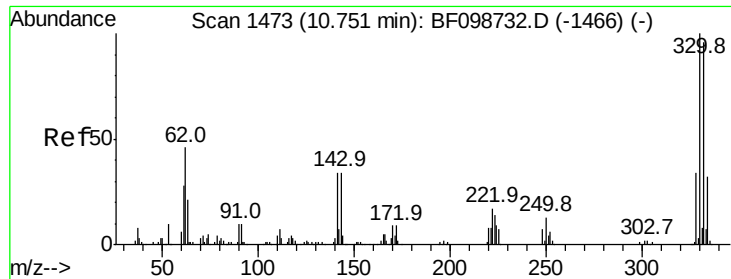
Tot Ion: 82 Resp: 479094
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 47.4 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Tgt Ion:164 Resp: 168189
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 44.9 38.3 57.5

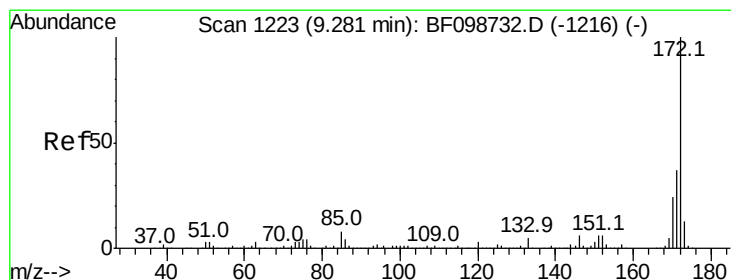
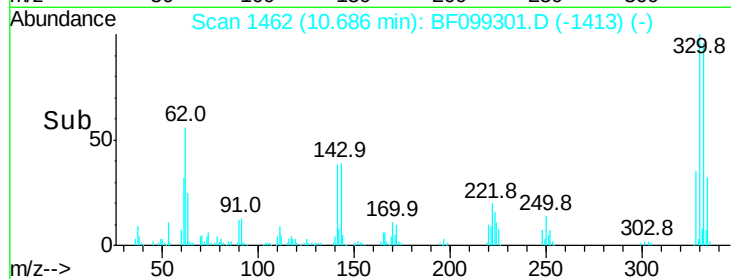
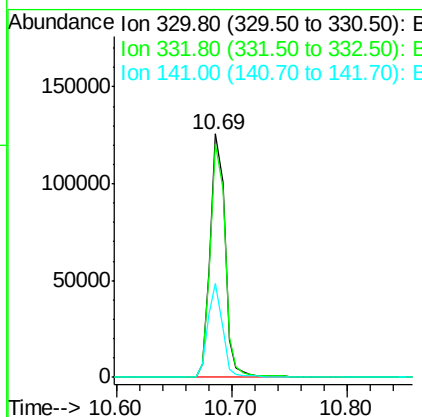
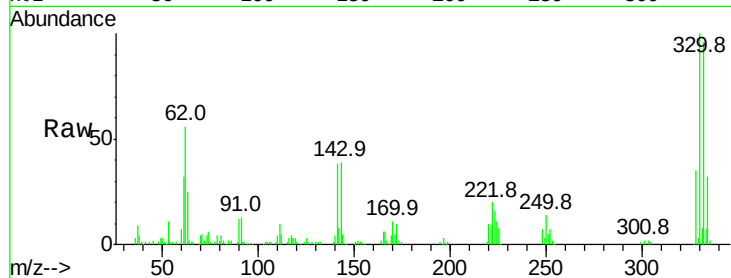




#41
 2,4,6-Tribromophenol
 Concen: 82.904 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

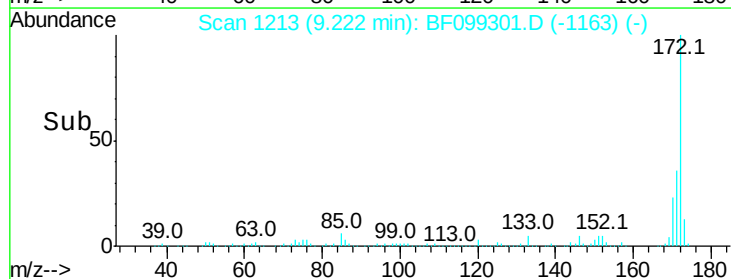
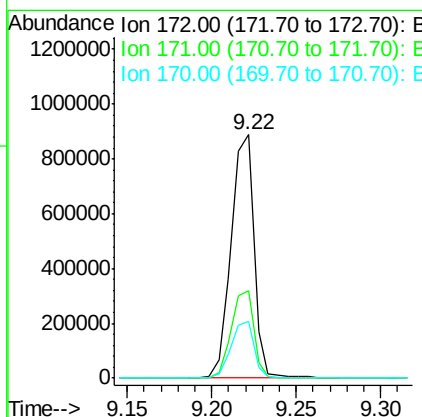
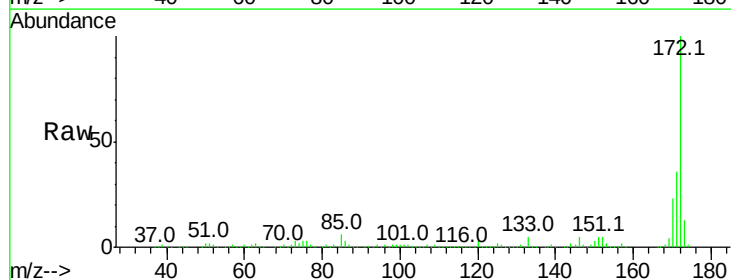
Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(0-5)

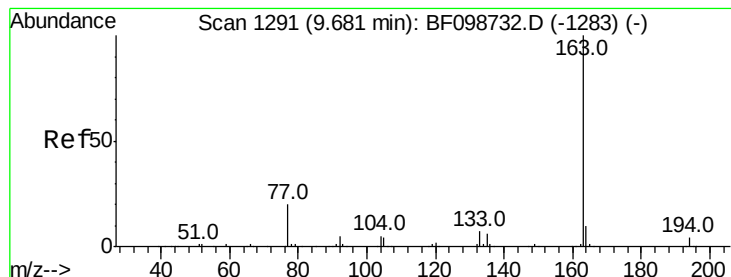
Tot Ion:330 Resp: 114096
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 38.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 83.042 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Tgt Ion:172 Resp: 836627
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.5 19.6 29.4





#49

Dimethylphthalate

Concen: 10.036 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099301.D

Acq: 10 Oct 2017 15:11

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(0-5)

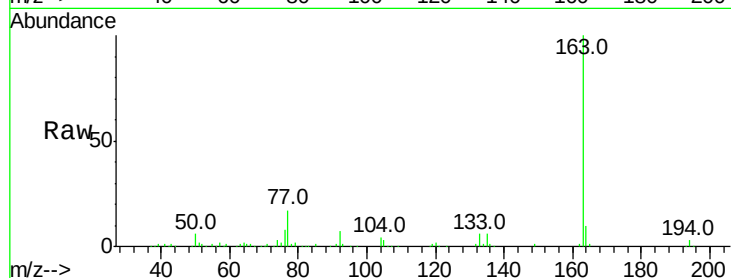
Tot Ion:163 Resp: 127402

Ion Ratio Lower Upper

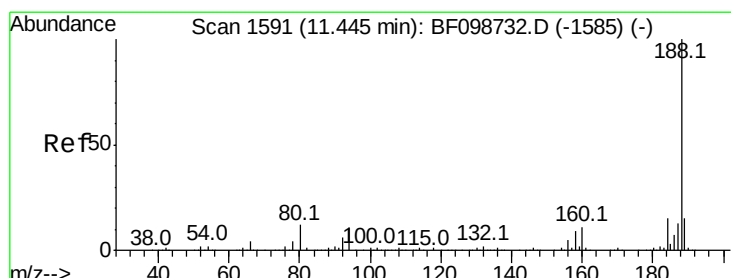
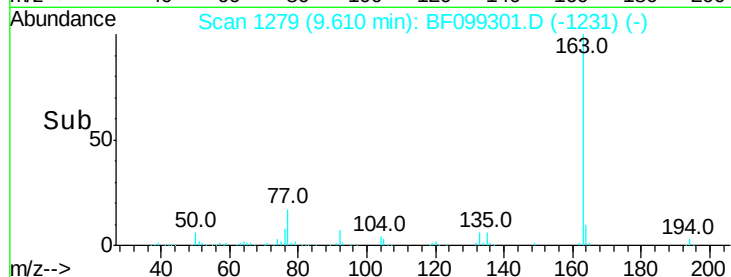
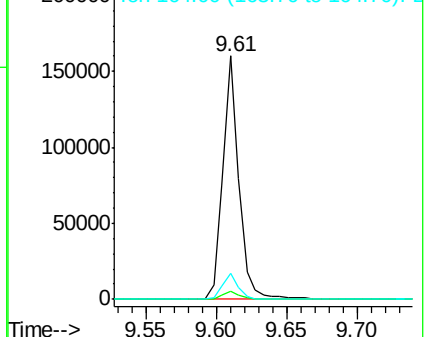
163 100

194 3.2 2.7 4.1

164 10.5 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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099301.D

Acq: 10 Oct 2017 15:11

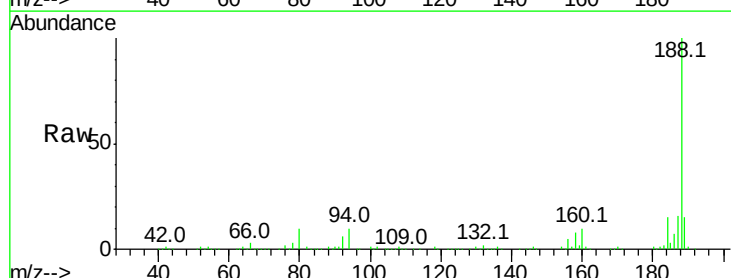
Tgt Ion:188 Resp: 248871

Ion Ratio Lower Upper

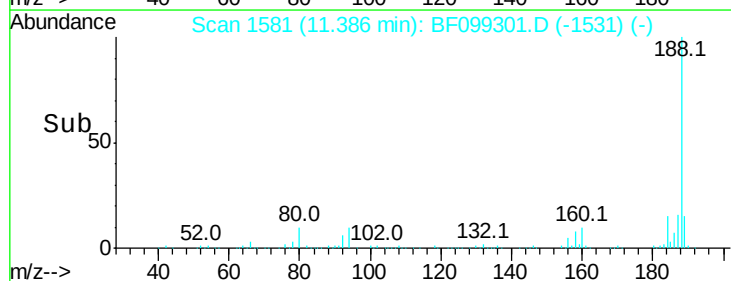
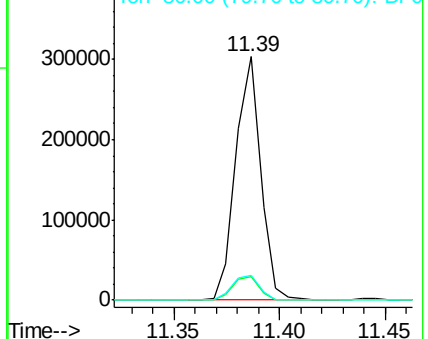
188 100

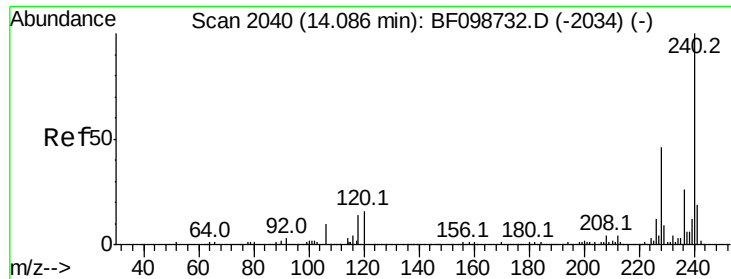
94 9.8 8.5 12.7

80 10.3 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099301.D

Acq: 10 Oct 2017 15:11

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(0-5)

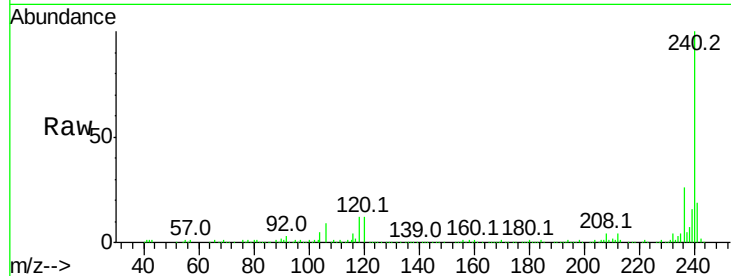
Tot Ion:240 Resp: 197568

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

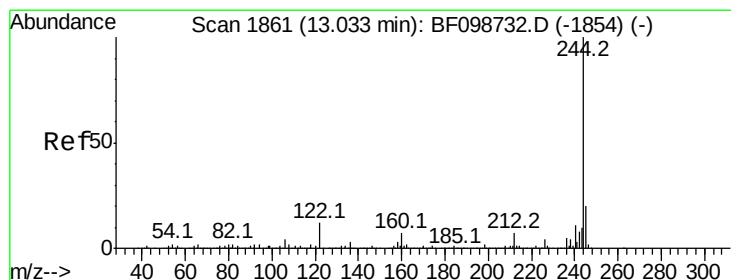
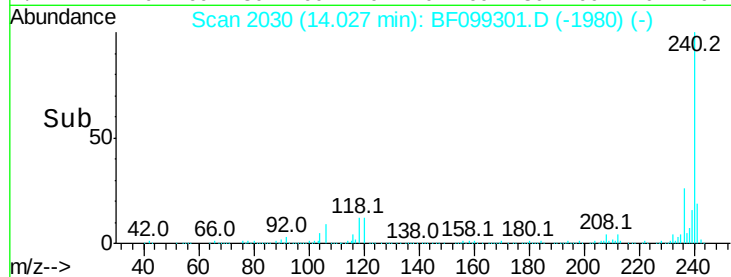
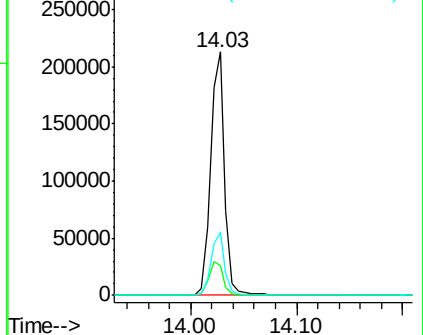
236 25.8 20.7 31.1



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: 62.829 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099301.D

Acq: 10 Oct 2017 15:11

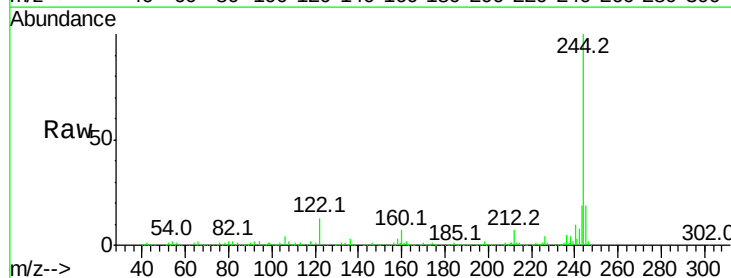
Tgt Ion:244 Resp: 545818

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

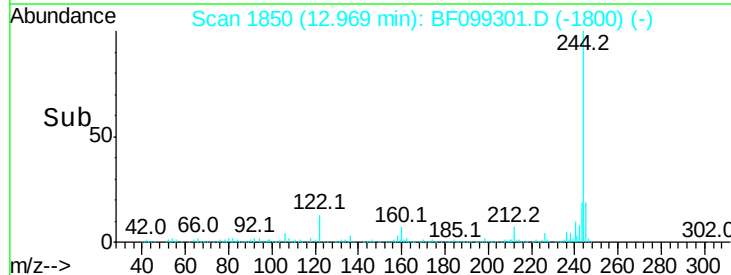
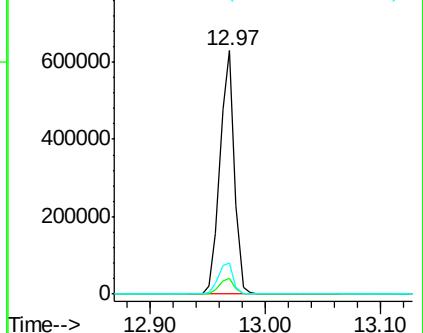
122 12.6 11.0 16.4

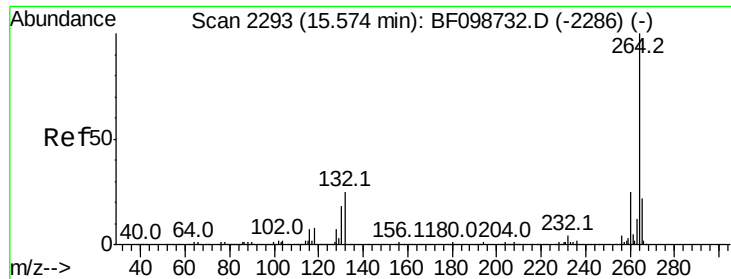


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3

