

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099273.D
 Acq On : 9 Oct 2017 20:16
 Operator : SJ/JU
 Sample : I5651-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 10 01:55:51 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	108374	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	443412	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	197450	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	332869	20.00	ng	0.00
75) Chrysene-d12	14.03	240	201732	20.00	ng	0.00
86) Perylene-d12	15.50	264	195693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	145352	21.35	ng	0.00
7) Phenol-d6	6.49	99	178598	21.27	ng	-0.01
23) Nitrobenzene-d5	7.42	82	101897	14.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	30649	18.97	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	213250	18.03	ng	-0.01
78) Terphenyl-d14	12.96	244	146948	16.57	ng	-0.01

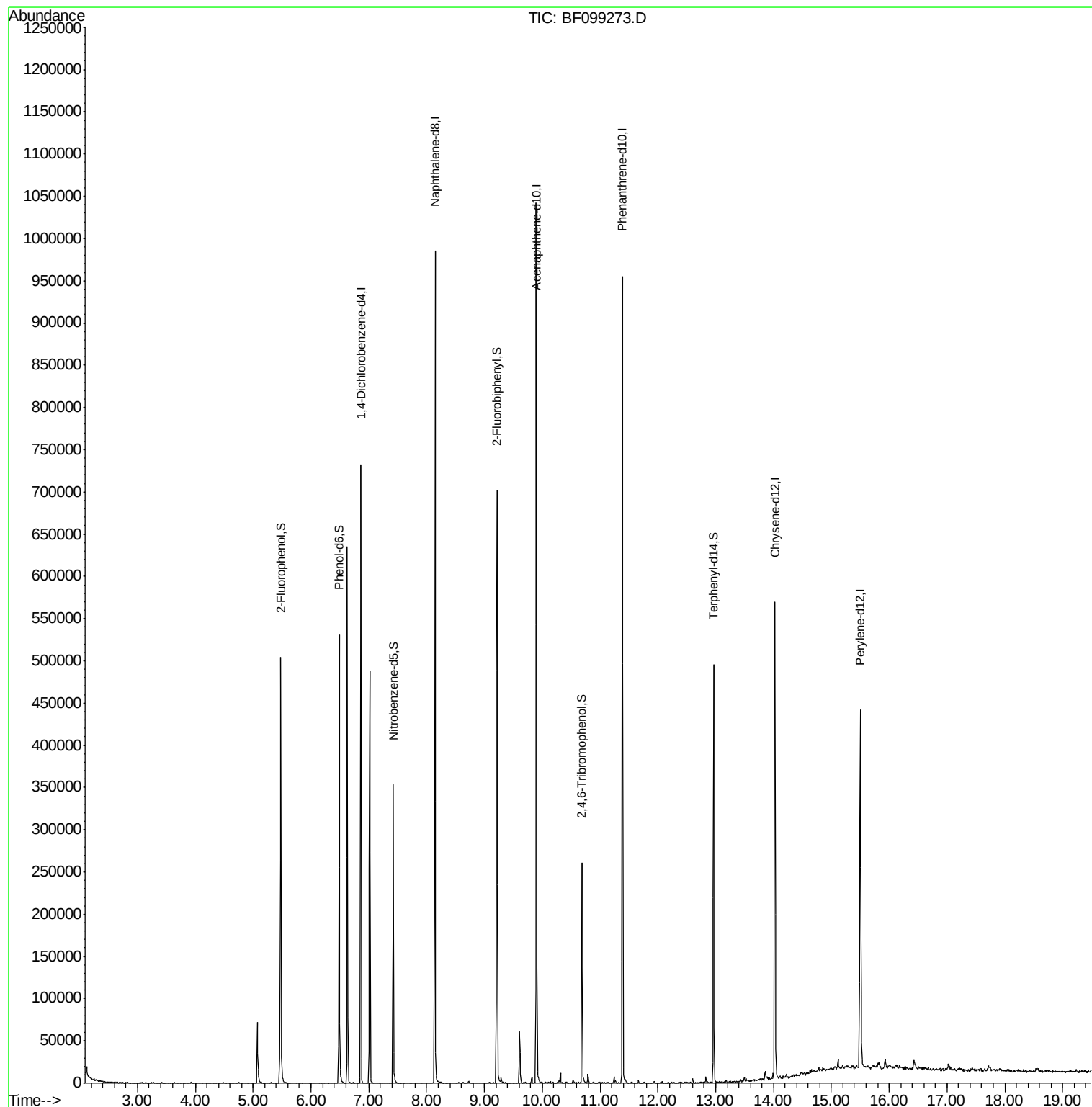
Target Compounds Qvalue

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

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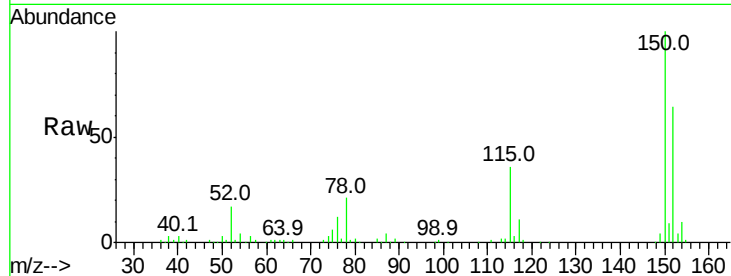


#1

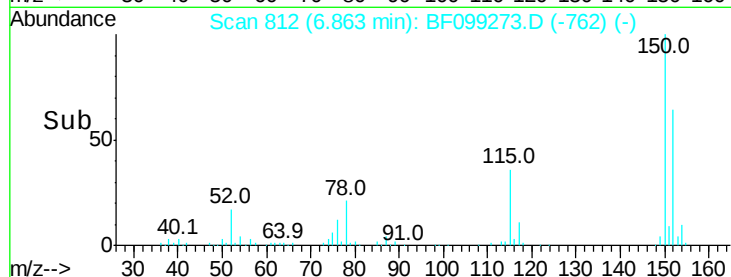
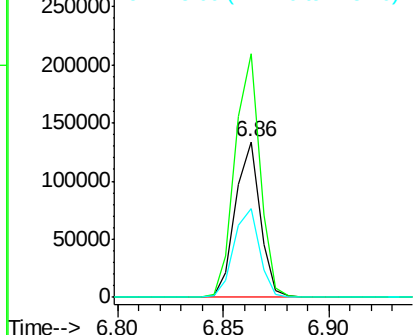
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

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

Tot Ion:152 Resp: 108374
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 57.0 50.1 75.1



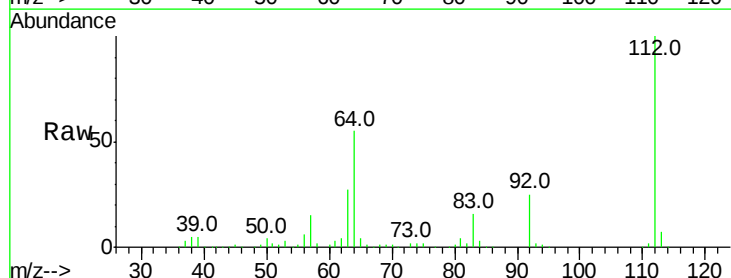
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



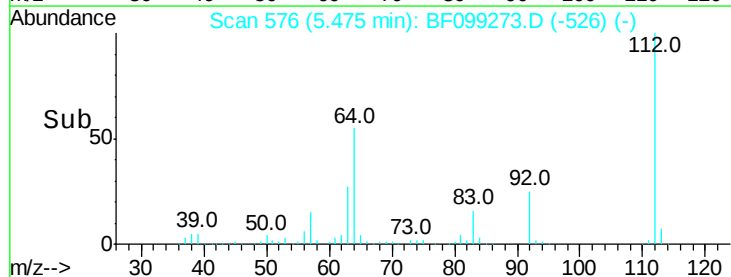
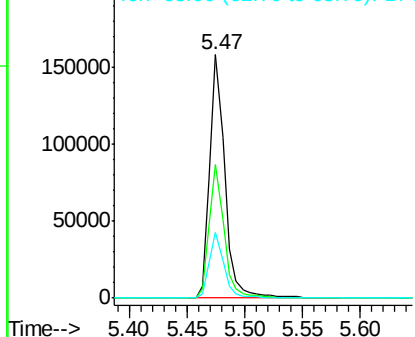
#5

2-Fluorophenol
Concen: 21.351 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

Tgt Ion:112 Resp: 145352
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 26.7 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: 21.266 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099273.D

Acq: 9 Oct 2017 20:16

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(0-5)

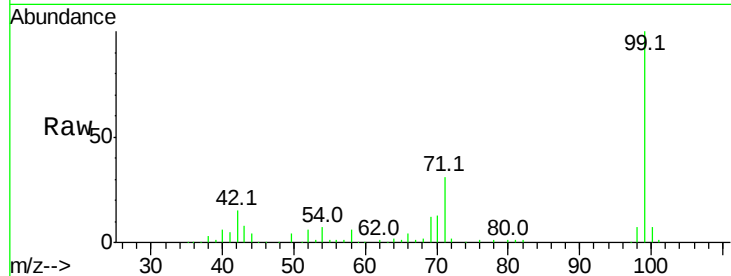
Tot Ion: 99 Resp: 178598

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

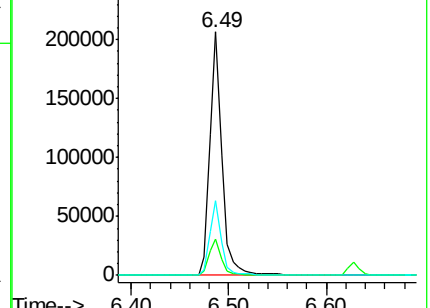
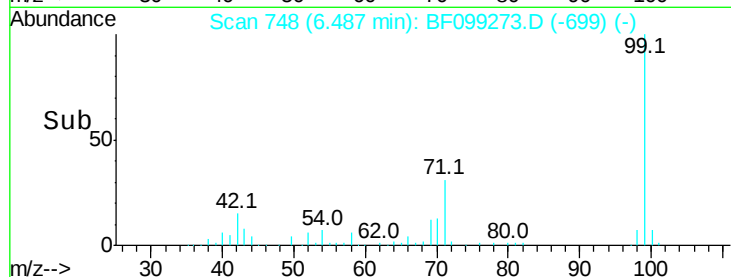
71 30.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099273.D

Acq: 9 Oct 2017 20:16

Tgt Ion: 136 Resp: 443412

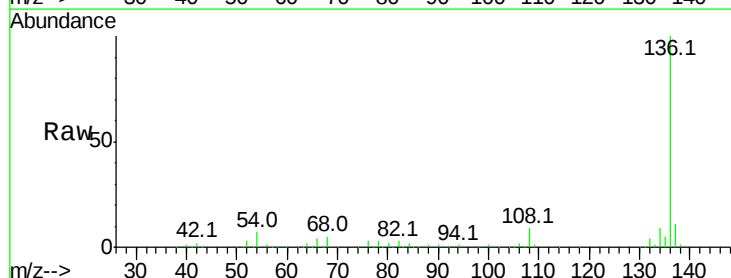
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 5.5 5.0 7.4

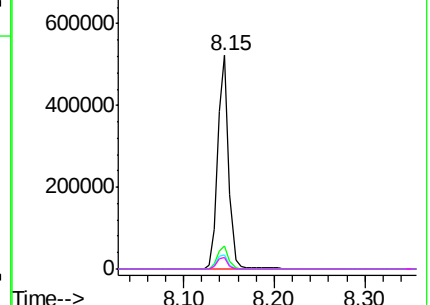
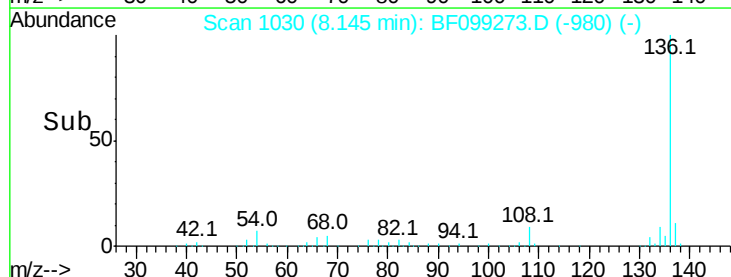


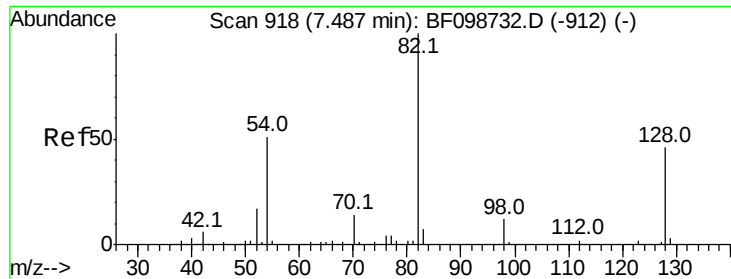
Abundance Ion 136.00 (135.70 to 136.70): E

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

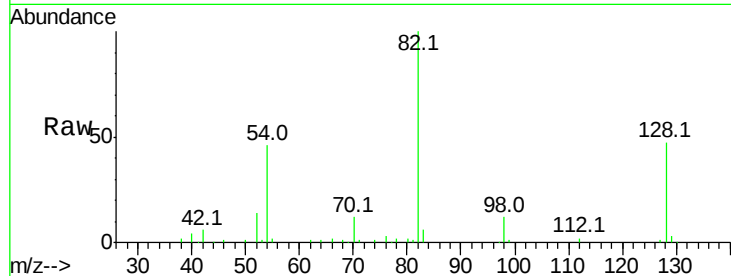




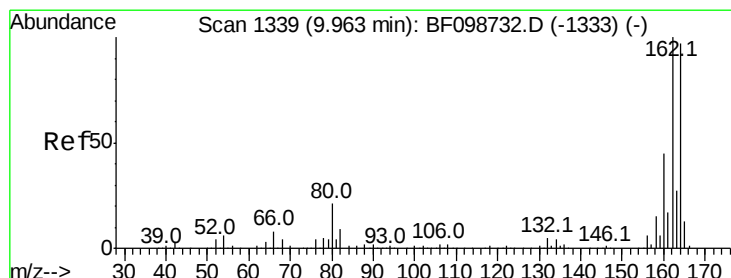
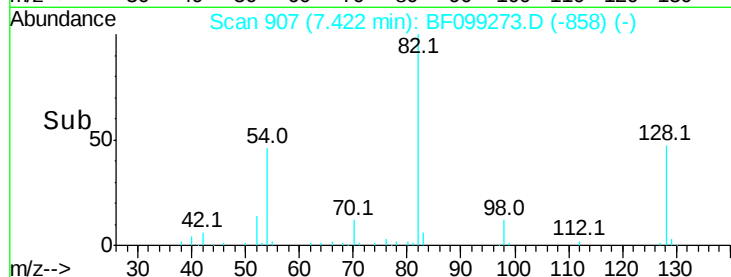
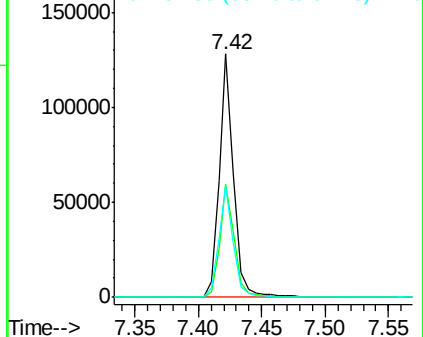
#23
Nitrobenzene-d5
Concen: 14.737 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

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

Tot Ion: 82 Resp: 101897
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 46.1 41.4 62.2

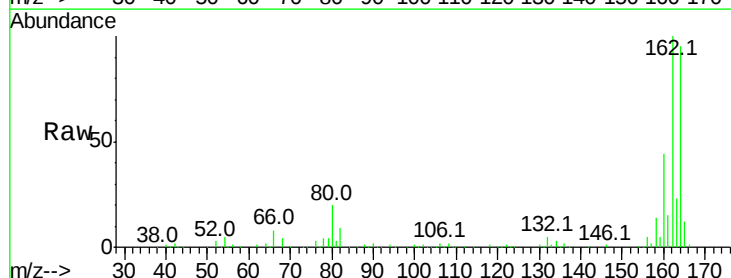


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

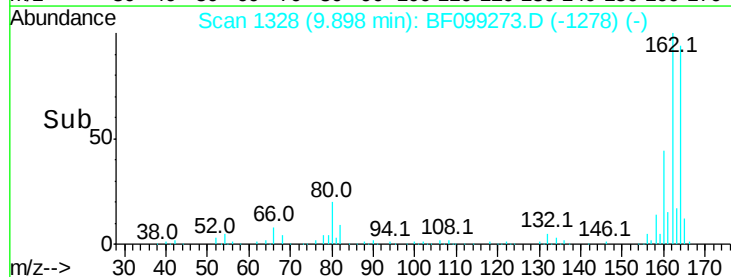
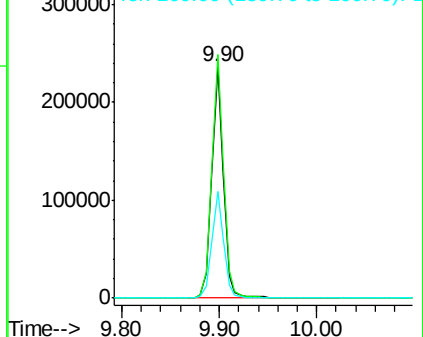


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

Tgt Ion:164 Resp: 197450
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 45.9 38.3 57.5



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

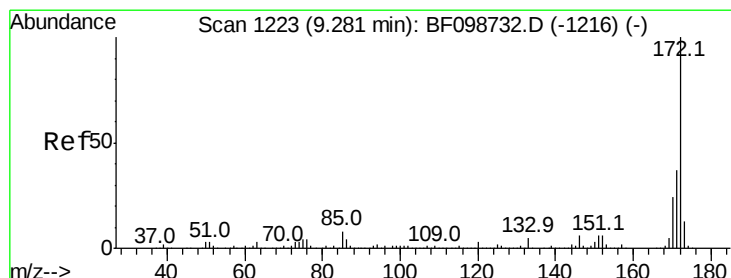
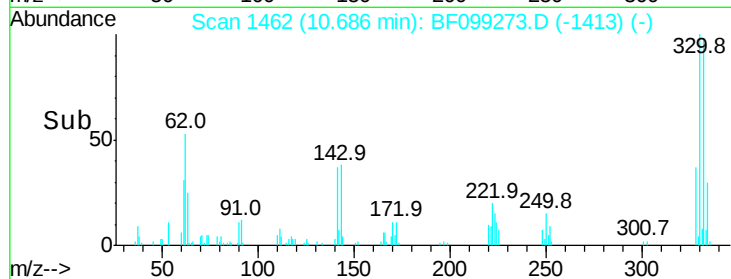
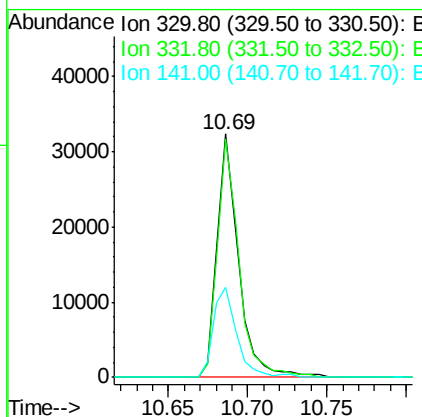
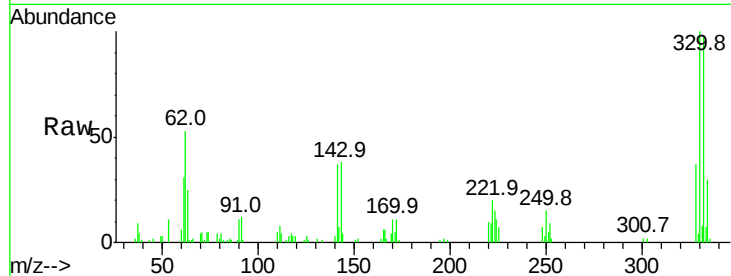




#41
 2,4,6-Tribromophenol
 Concen: 18.970 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099273.D
 Acq: 9 Oct 2017 20:16

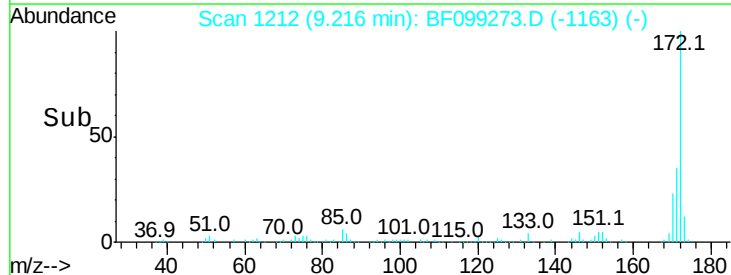
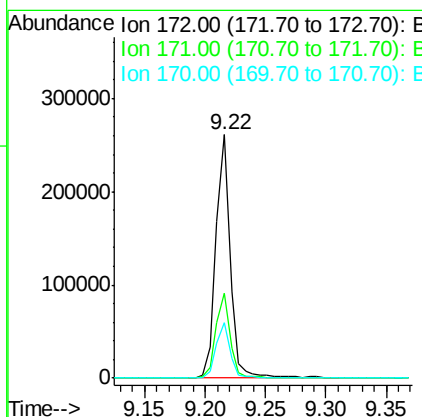
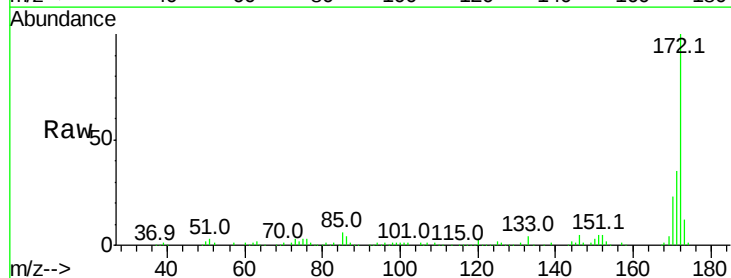
Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(0-5)

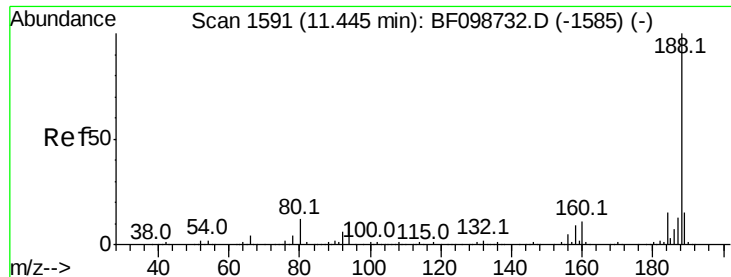
Tot Ion:330 Resp: 30649
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 40.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 18.030 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099273.D
 Acq: 9 Oct 2017 20:16

Tgt Ion:172 Resp: 213250
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 22.8 19.6 29.4

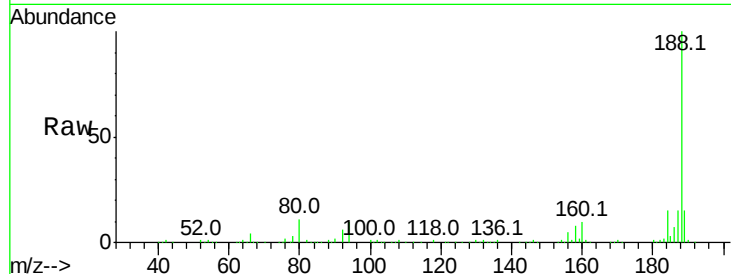




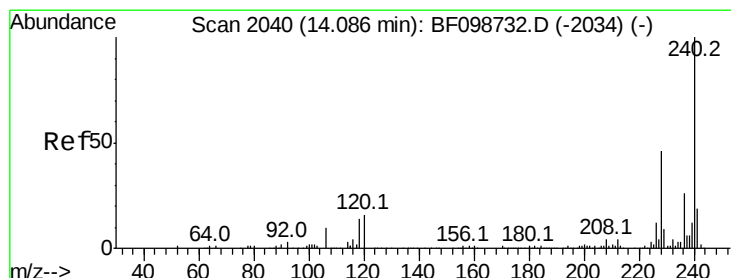
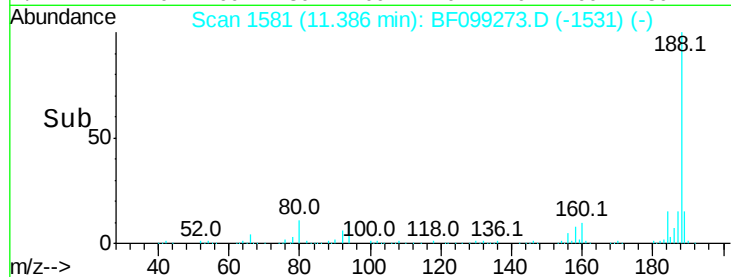
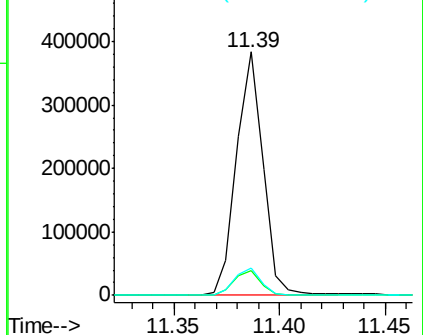
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

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

Tot Ion:188 Resp: 332869
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.0 9.2 13.8

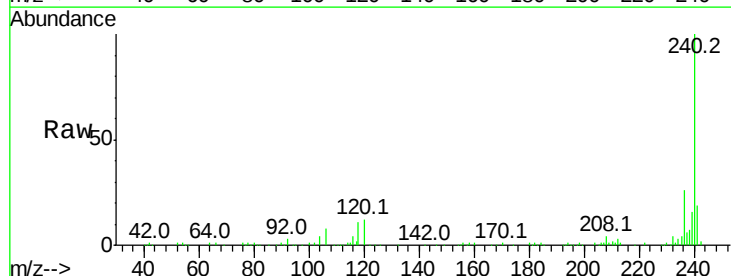


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

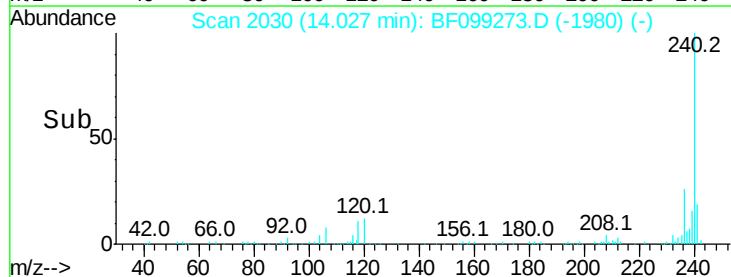
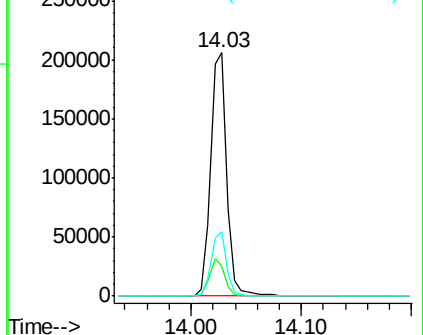


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

Tgt Ion:240 Resp: 201732
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.4 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: 16.566 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF099273.D

Acq: 9 Oct 2017 20:16

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(0-5)

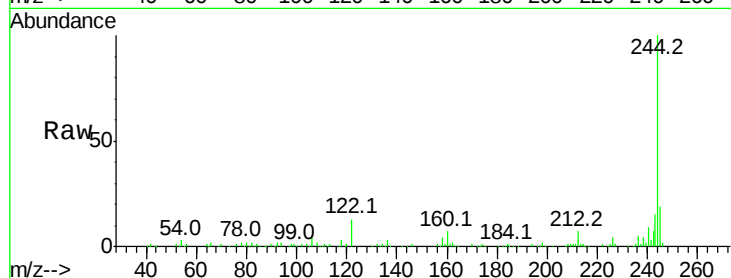
Tot Ion:244 Resp: 146948

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

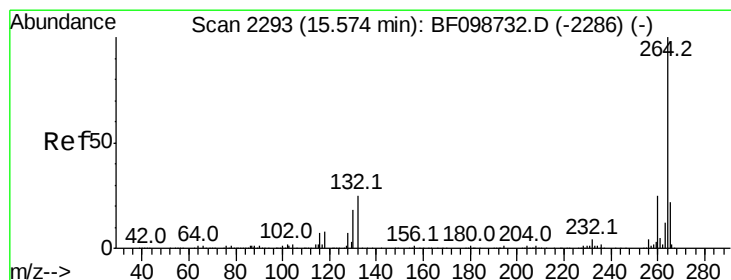
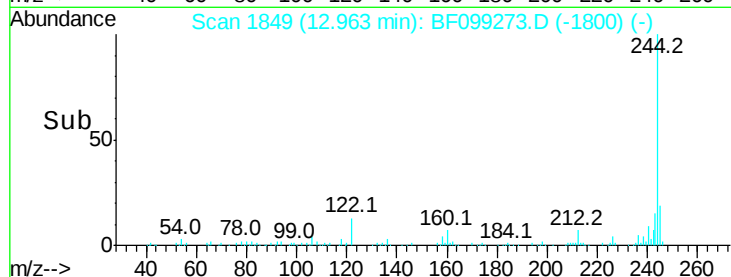
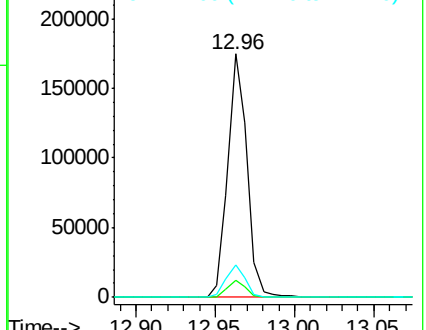
122 13.5 11.0 16.4



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: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099273.D

Acq: 9 Oct 2017 20:16

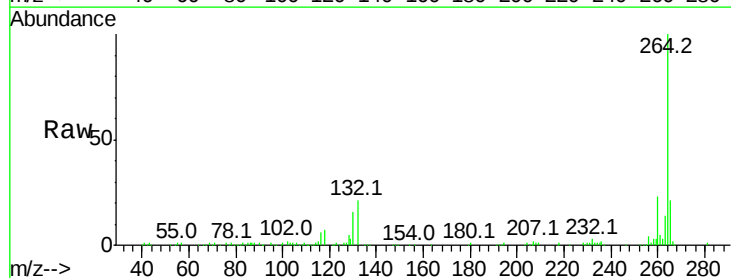
Tgt Ion:264 Resp: 195693

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.1 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

