

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099294.D
 Acq On : 10 Oct 2017 11:58
 Operator : SJ/JU
 Sample : I5651-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-7(10-15)

Quant Time: Oct 10 16:23:43 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

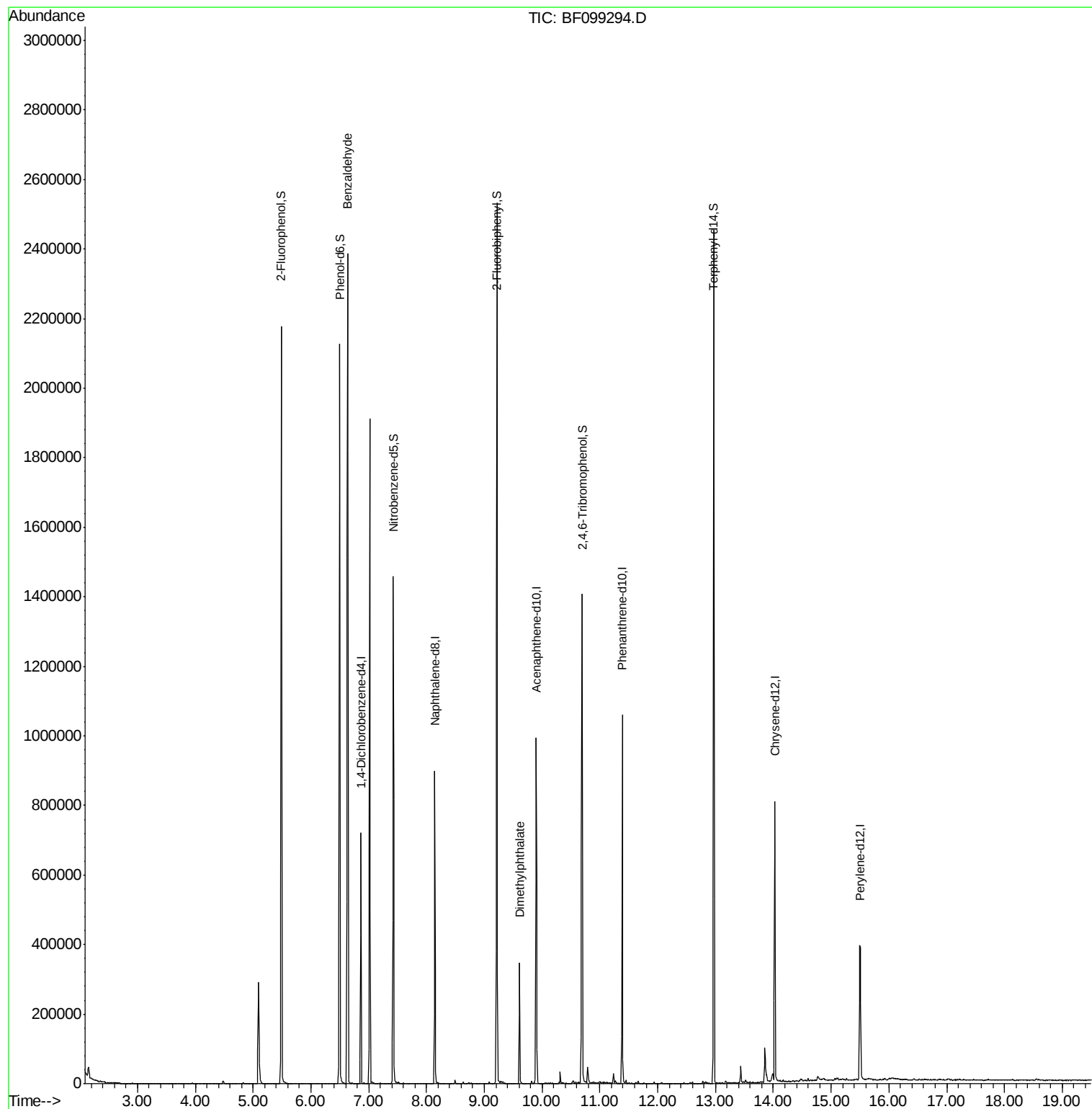
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	101288	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	411734	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	190357	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	348369	20.00	ng	0.00
75) Chrysene-d12	14.03	240	260107	20.00	ng	0.00
86) Perylene-d12	15.50	264	183337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	700598	110.11	ng	0.00
7) Phenol-d6	6.50	99	836687	106.60	ng	0.00
23) Nitrobenzene-d5	7.43	82	491918	76.62	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	179744	115.40	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	868164	76.14	ng	-0.01
78) Terphenyl-d14	12.97	244	817776	71.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	14053	3.086	ng	85
49) Dimethylphthalate	9.61	163	140919	9.808	ng	99

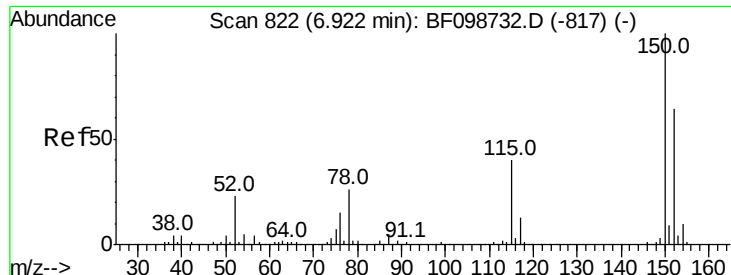
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099294.D
Acq On : 10 Oct 2017 11:58
Operator : SJ/JU
Sample : I5651-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-116-7(10-15)

Quant Time: Oct 10 16:23:43 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



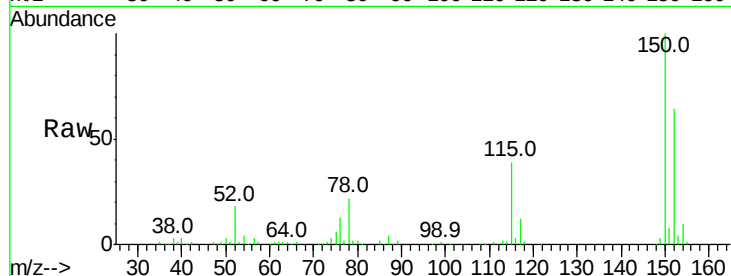


#1

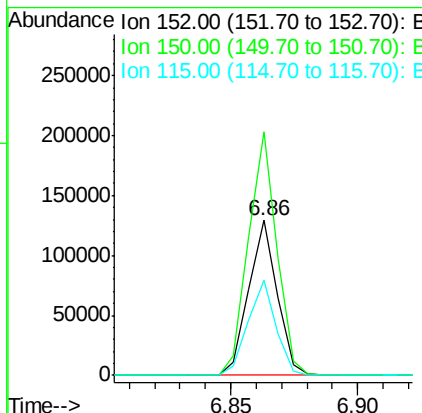
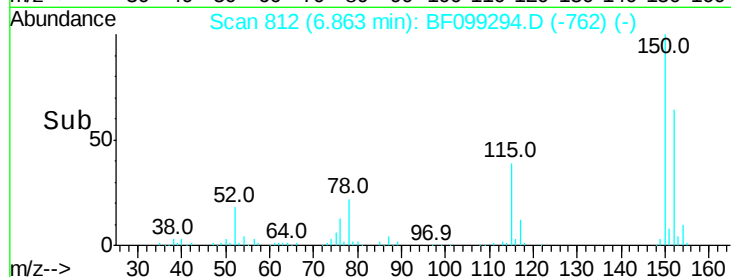
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099294.D
 Acq: 10 Oct 2017 11:58

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-7(10-15)

Tot Ion:152 Resp: 101288
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 61.6 50.1 75.1



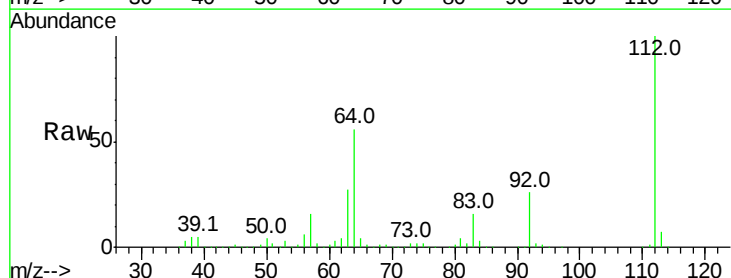
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



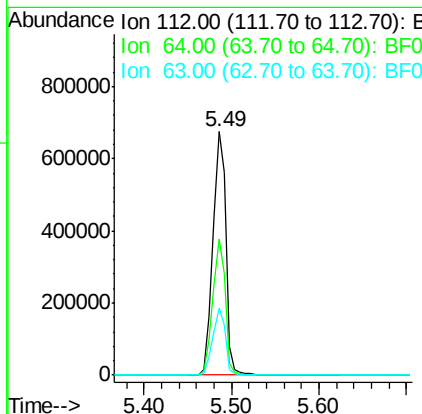
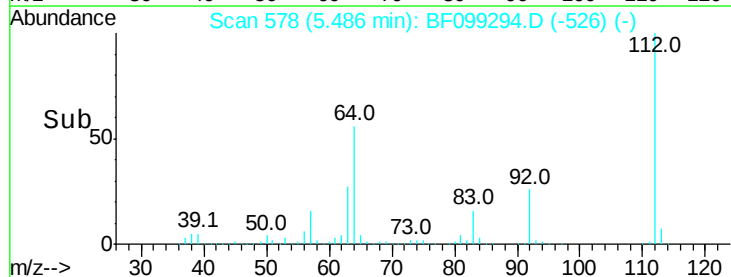
#5

2-Fluorophenol
 Concen: 110.110 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099294.D
 Acq: 10 Oct 2017 11:58

Tgt Ion:112 Resp: 700598
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.9 71.9
 63 27.3 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: 106.596 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099294.D

Acq: 10 Oct 2017 11:58

Instrument :

BNA_F

ClientSampleId :

ENV-116-7(10-15)

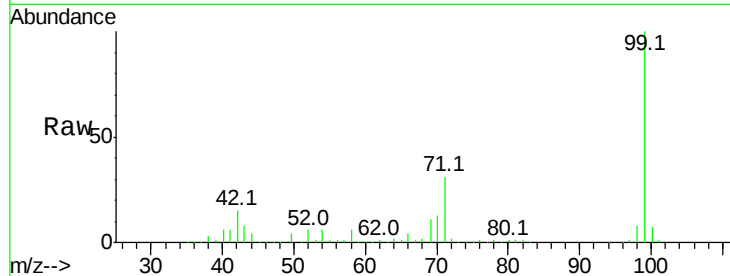
Tot Ion: 99 Resp: 836687

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

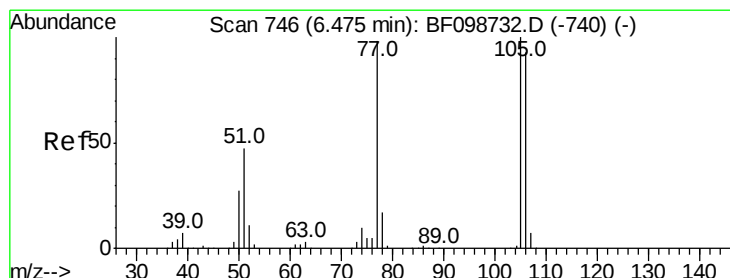
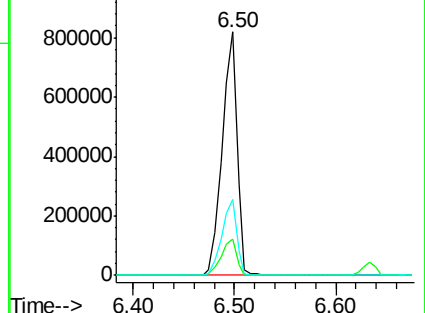
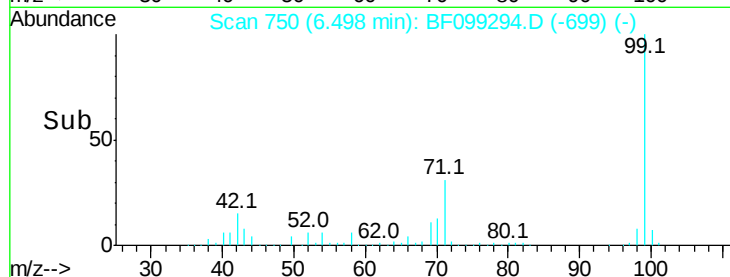
71 31.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.086 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099294.D

Acq: 10 Oct 2017 11:58

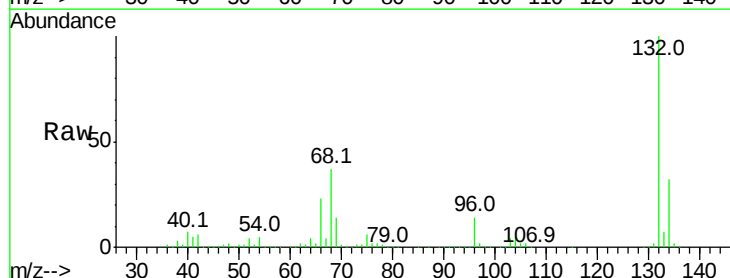
Tgt Ion: 77 Resp: 14053

Ion Ratio Lower Upper

77 100

105 81.7 81.1 121.1

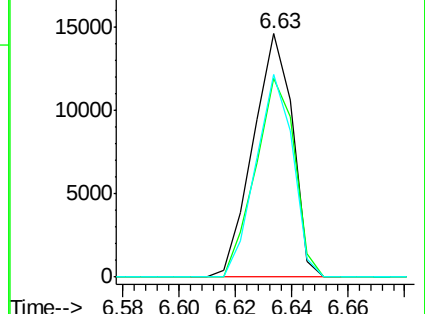
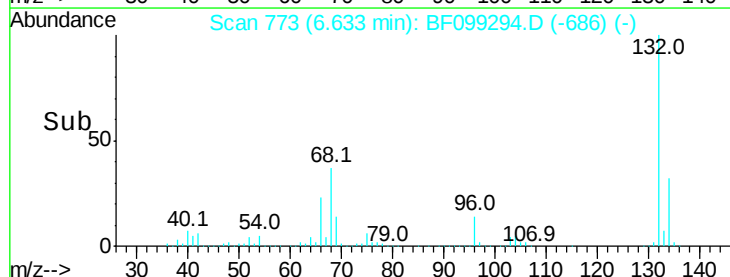
106 83.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

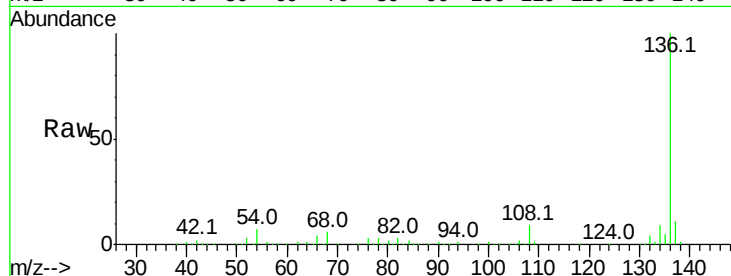




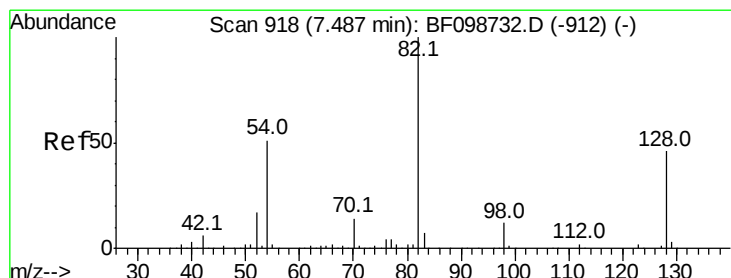
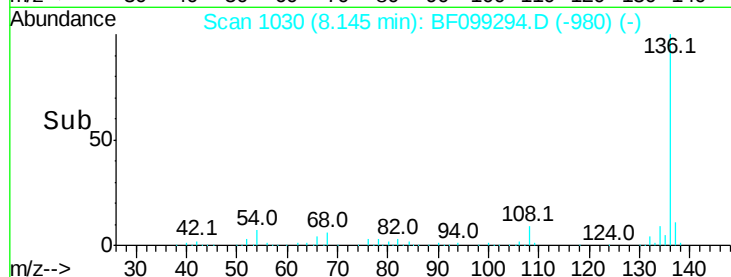
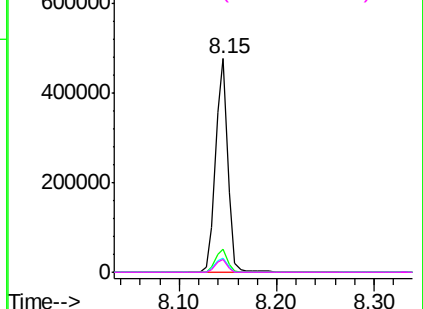
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099294.D
Acq: 10 Oct 2017 11:58

Instrument :
BNA_F
ClientSampleId :
ENV-116-7(10-15)

Tot Ion:136	Resp:	411734
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.7	6.6 9.8
68	5.8	5.0 7.4

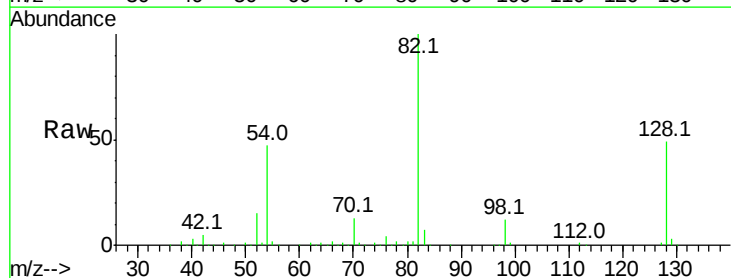


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

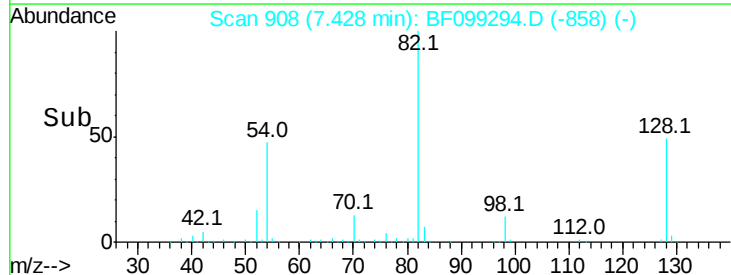
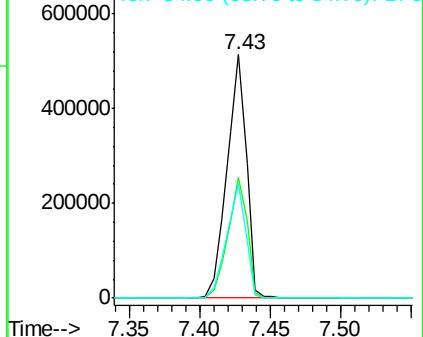


#23
Nitrobenzene-d5
Concen: 76.619 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099294.D
Acq: 10 Oct 2017 11:58

Tgt Ion: 82	Resp:	491918
Ion Ratio	Lower	Upper
82	100	
128	49.5	36.1 54.1
54	47.0	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

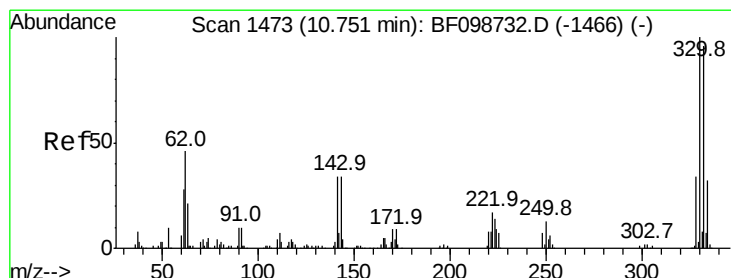
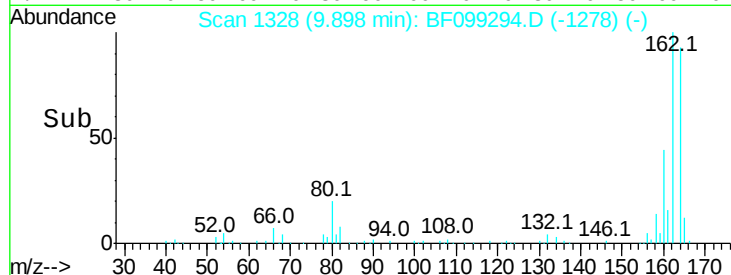
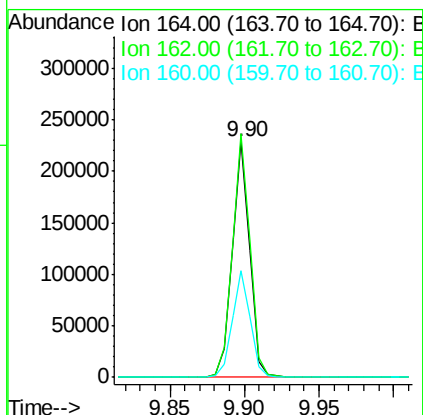
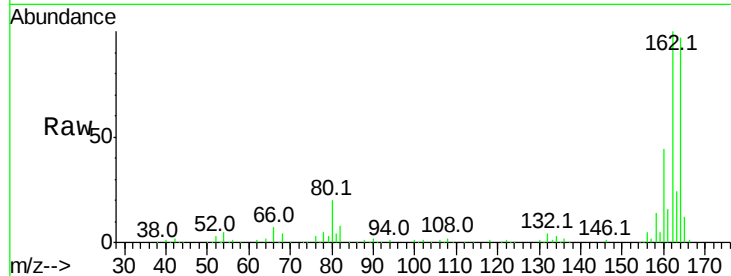




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099294.D
Acq: 10 Oct 2017 11:58

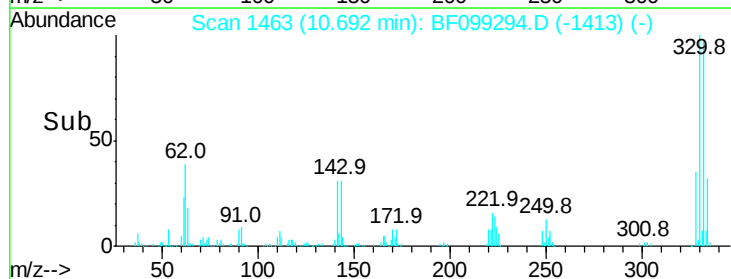
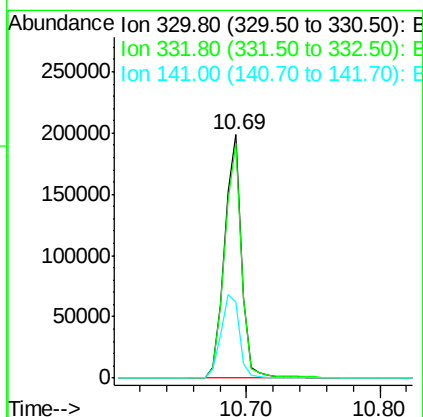
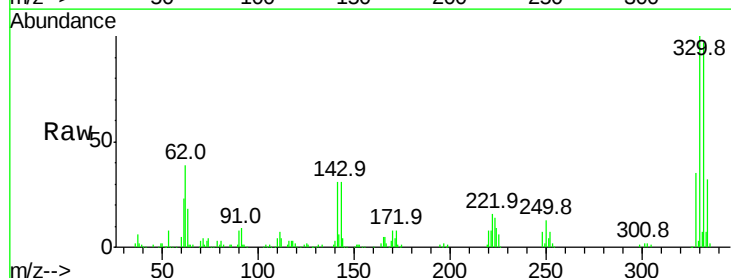
Instrument :
BNA_F
ClientSampleId :
ENV-116-7(10-15)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	45.5	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 115.395 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099294.D
Acq: 10 Oct 2017 11:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	37.5	29.9	44.9

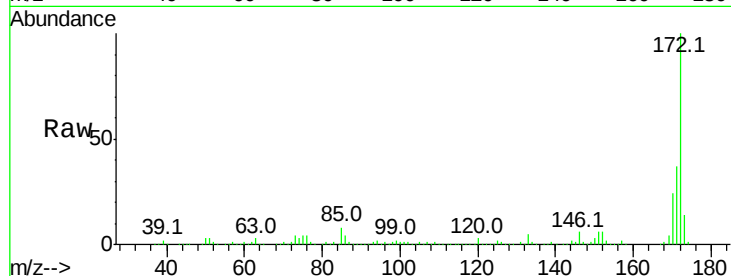




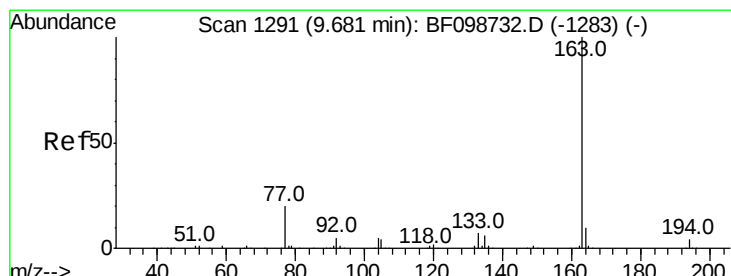
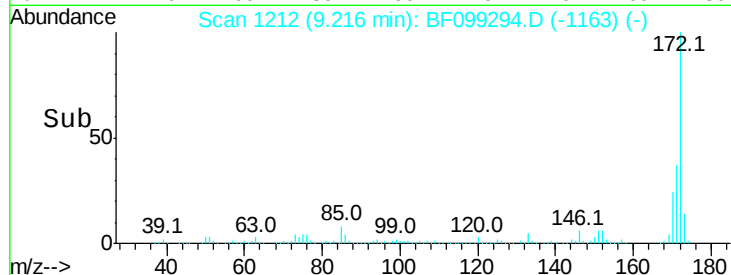
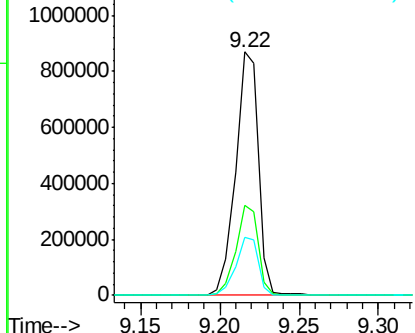
#44
2-Fluorobiphenyl
Concen: 76.137 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099294.D
Acq: 10 Oct 2017 11:58

Instrument :
BNA_F
ClientSampleId :
ENV-116-7(10-15)

Tot Ion:172 Resp: 868164
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 23.8 19.6 29.4

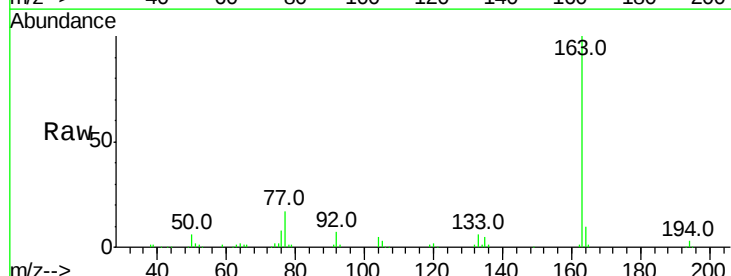


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

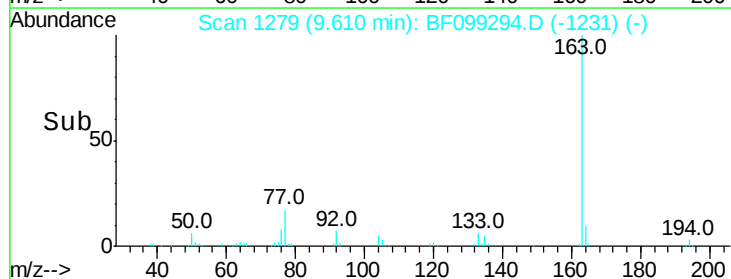
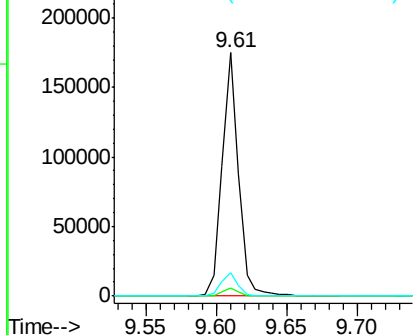


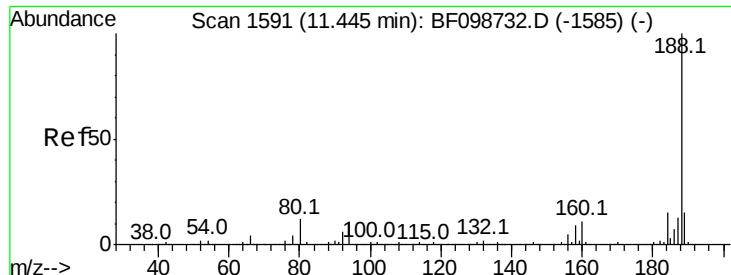
#49
Dimethylphthalate
Concen: 9.808 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099294.D
Acq: 10 Oct 2017 11:58

Tgt Ion:163 Resp: 140919
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.6 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: BF099294.D

Acq: 10 Oct 2017 11:58

Instrument :

BNA_F

ClientSampleId :

ENV-116-7(10-15)

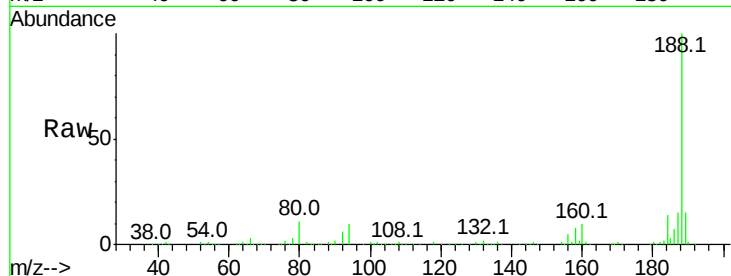
Tot Ion:188 Resp: 348369

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

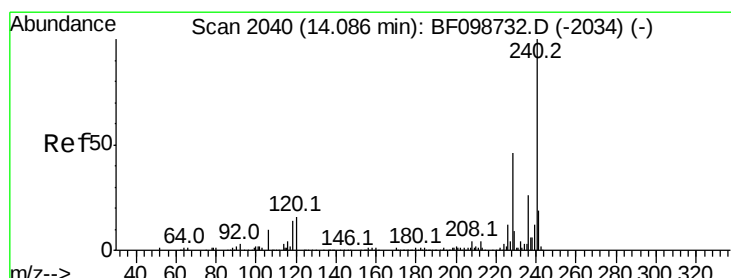
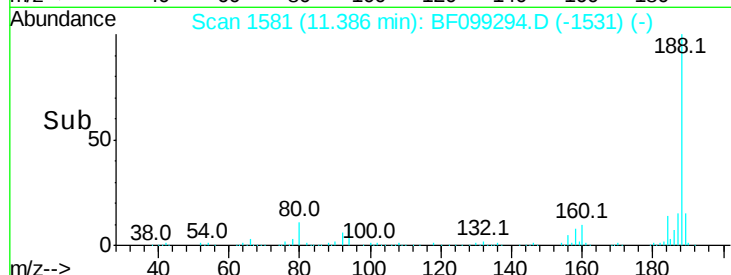
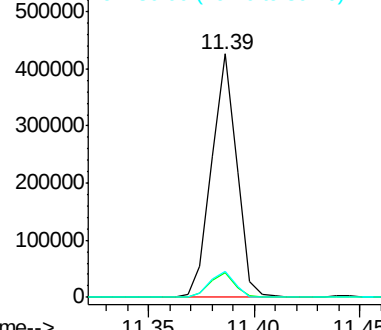
80 10.9 9.2 13.8



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: BF099294.D

Acq: 10 Oct 2017 11:58

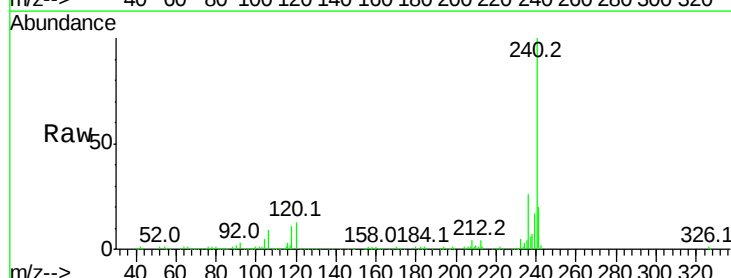
Tgt Ion:240 Resp: 260107

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

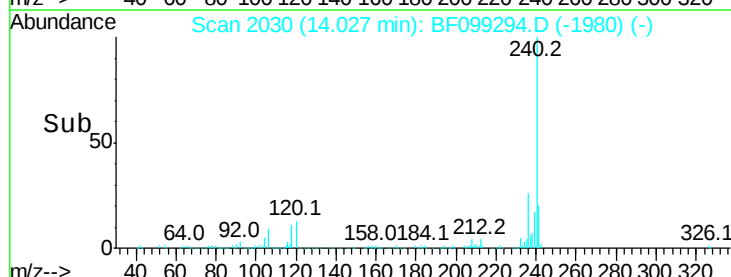
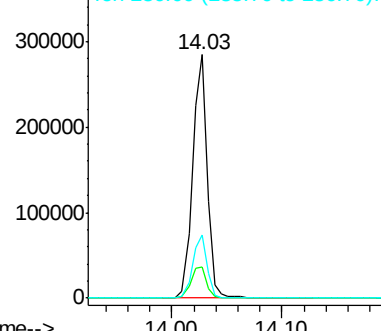
236 25.7 20.7 31.1

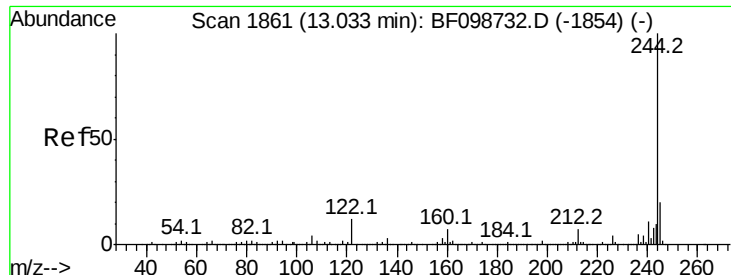


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.501 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099294.D

Acq: 10 Oct 2017 11:58

Instrument :

BNA_F

ClientSampleId :

ENV-116-7(10-15)

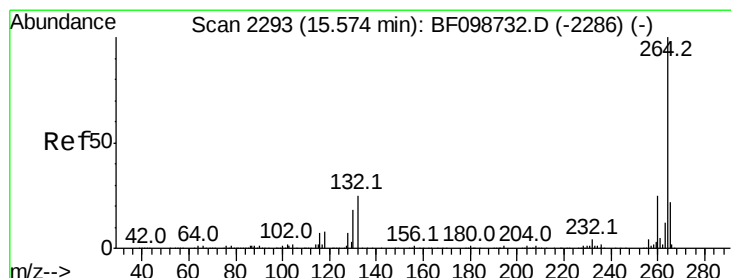
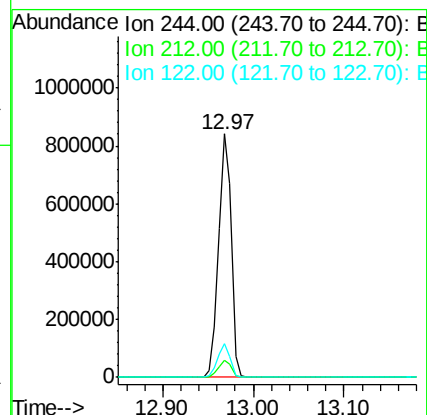
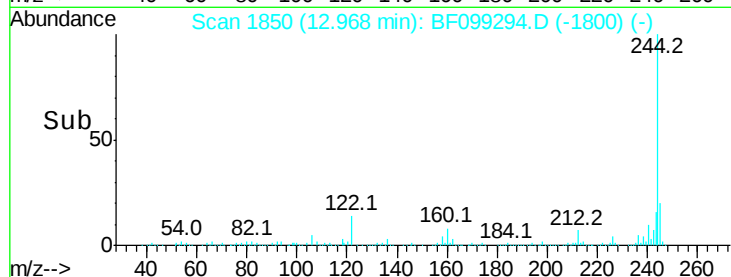
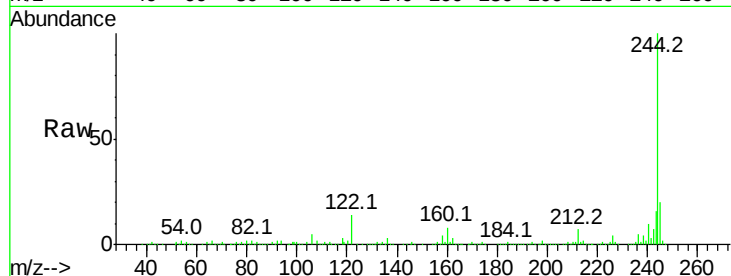
Tot Ion:244 Resp: 817776

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 13.8 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF099294.D

Acq: 10 Oct 2017 11:58

Tgt Ion:264 Resp: 183337

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.9 17.5 26.3

