

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099270.D
 Acq On : 9 Oct 2017 18:51
 Operator : SJ/JU
 Sample : I5651-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 10 10:38:45 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

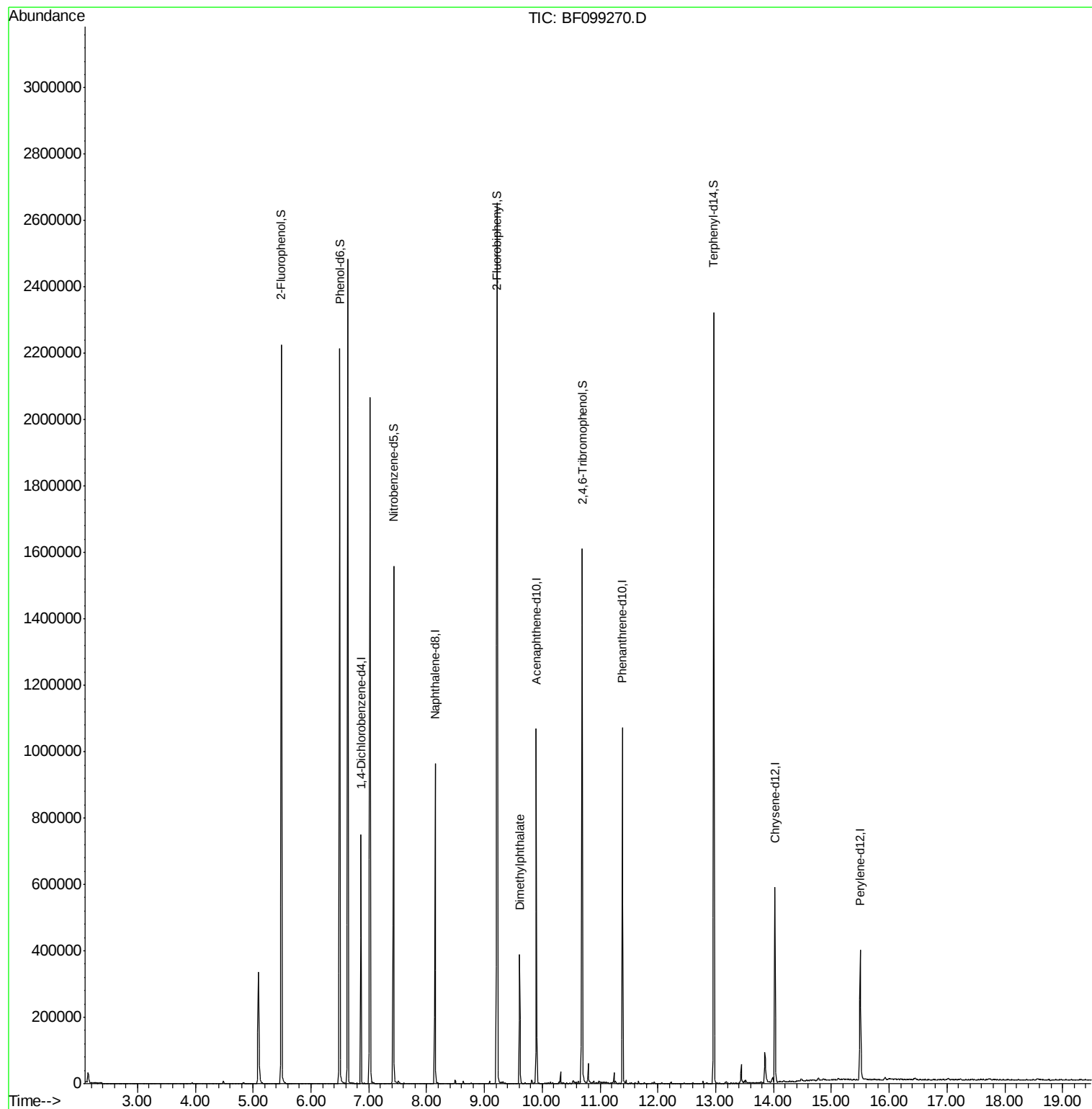
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104992	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	437932	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	200087	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	345360	20.00	ng	0.00
75) Chrysene-d12	14.03	240	201443	20.00	ng	0.00
86) Perylene-d12	15.50	264	185750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	726353	110.13	ng	0.00
7) Phenol-d6	6.50	99	880731	108.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	521366	76.35	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	196259	119.87	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	919183	76.69	ng	-0.01
78) Terphenyl-d14	12.97	244	739290	83.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	149119	9.874	ng	Qvalue 99

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

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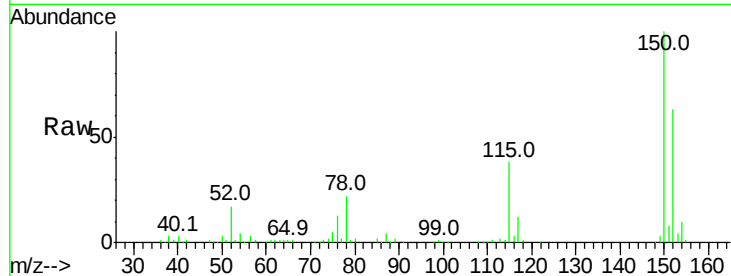


#1

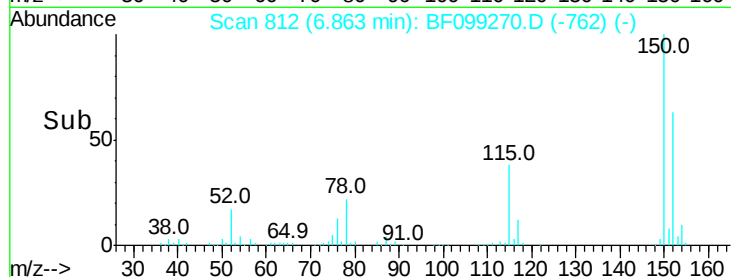
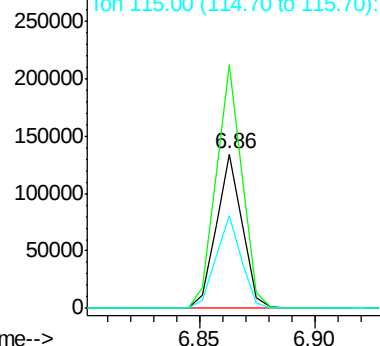
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

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

Tot Ion:152 Resp: 104992
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 59.7 50.1 75.1



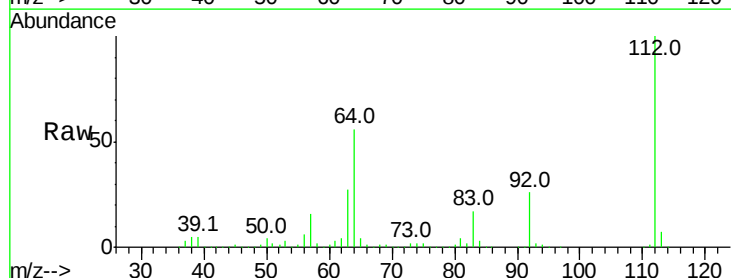
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



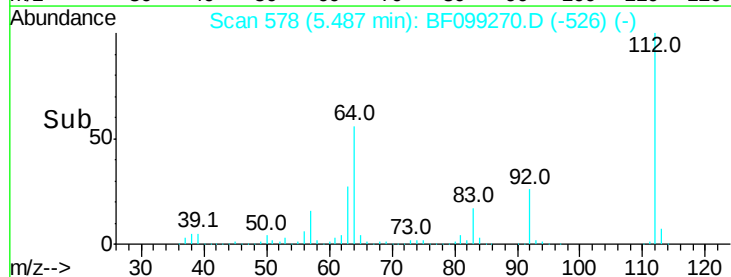
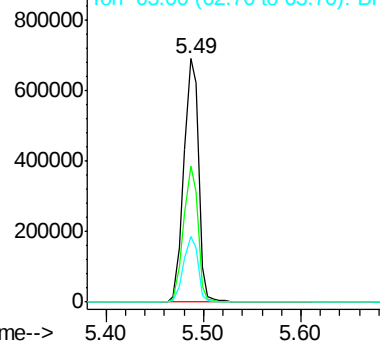
#5

2-Fluorophenol
Concen: 110.130 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

Tgt Ion:112 Resp: 726353
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 27.0 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: 108.249 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099270.D

Acq: 9 Oct 2017 18:51

Instrument :

BNA_F

ClientSampleId :

ENV-116-7(10-15)

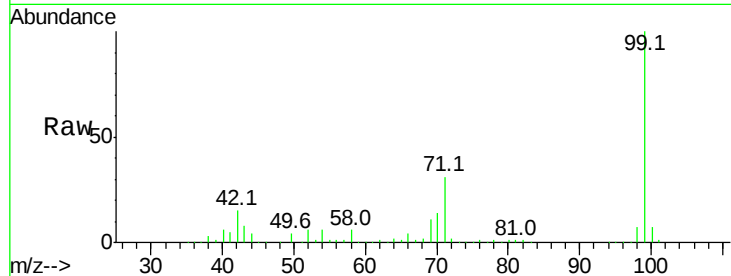
Tot Ion: 99 Resp: 880731

Ion Ratio Lower Upper

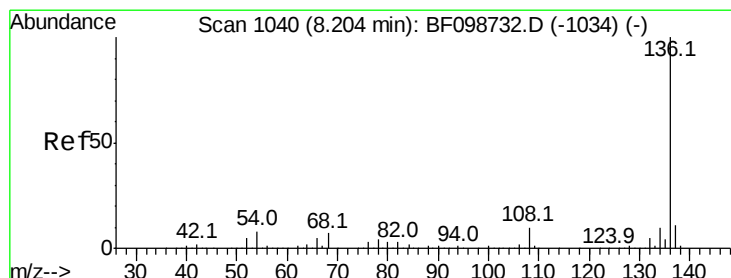
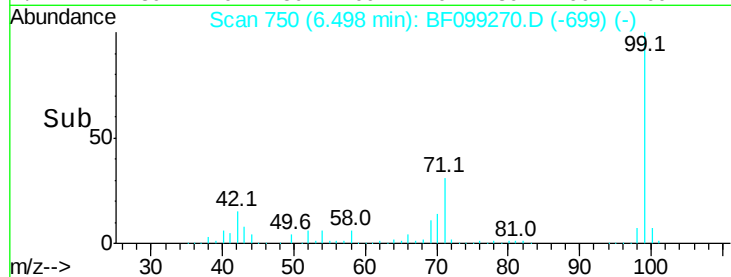
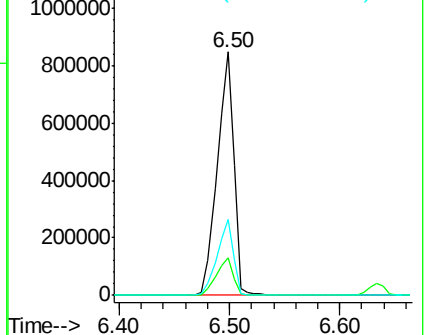
99 100

42 15.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099270.D

Acq: 9 Oct 2017 18:51

Tgt Ion:136 Resp: 437932

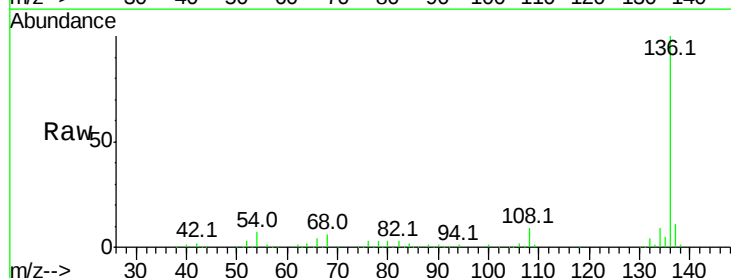
Ion Ratio Lower Upper

136 100

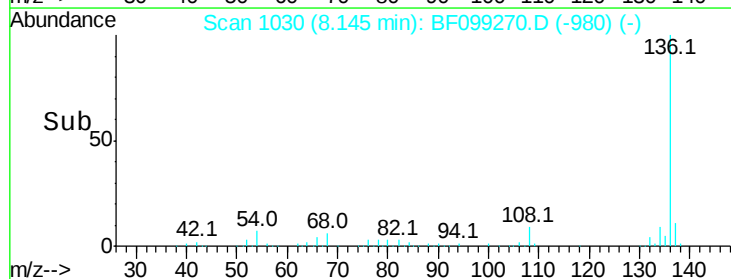
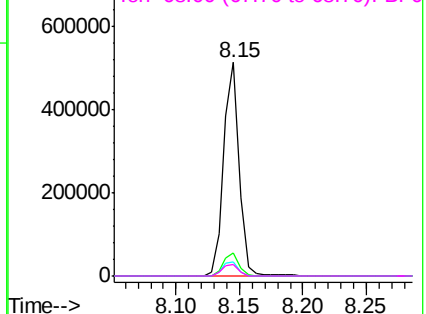
137 10.7 8.9 13.3

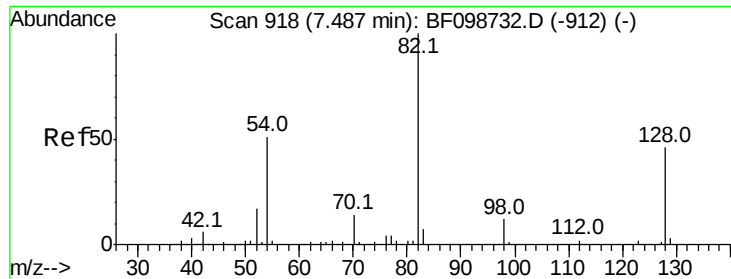
54 6.7 6.6 9.8

68 5.6 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

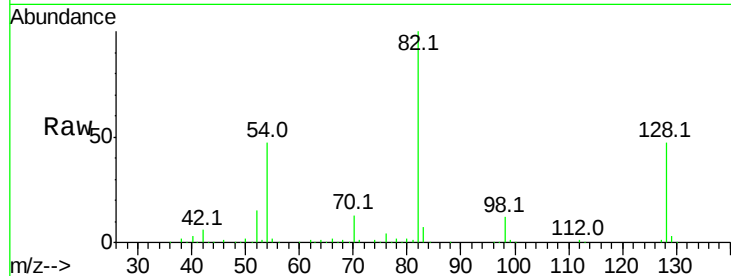




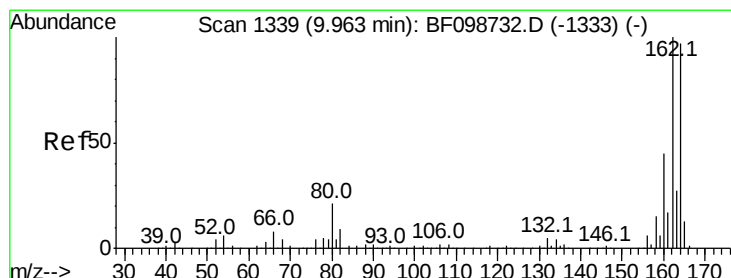
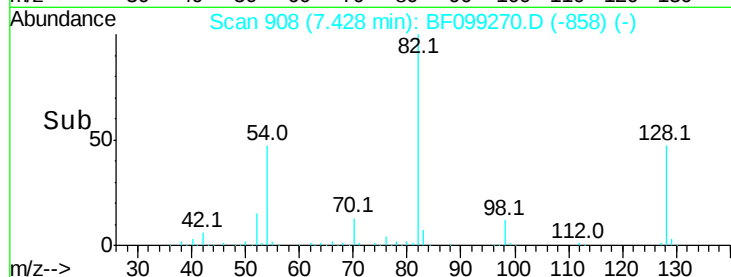
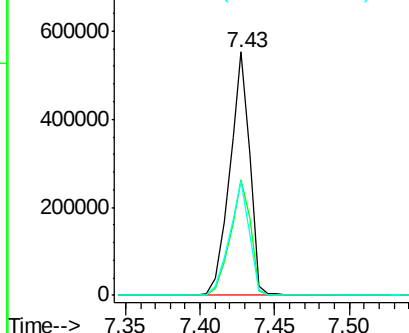
#23
 Nitrobenzene-d5
 Concen: 76.348 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099270.D
 Acq: 9 Oct 2017 18:51

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

Tot Ion	82	Resp	521366
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.1	54.1
54	46.9	41.4	62.2

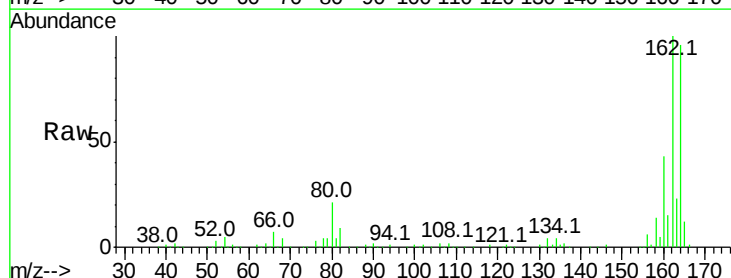


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

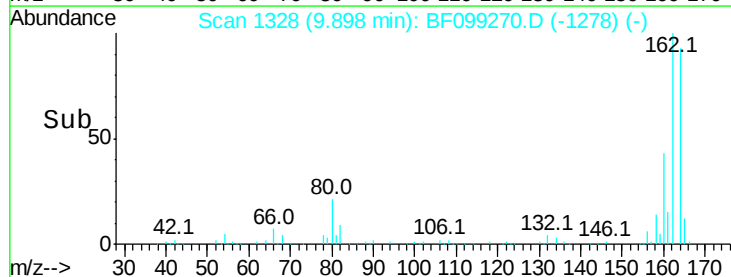
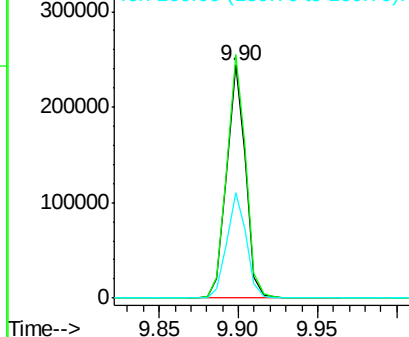


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099270.D
 Acq: 9 Oct 2017 18:51

Tgt Ion	164	Resp	200087
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	45.2	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

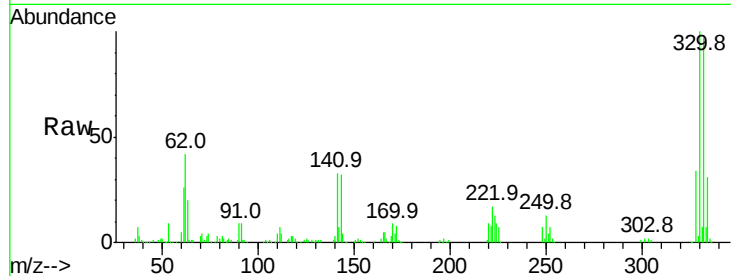




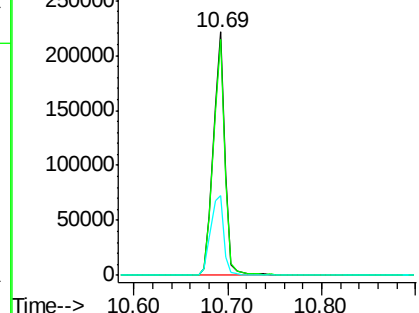
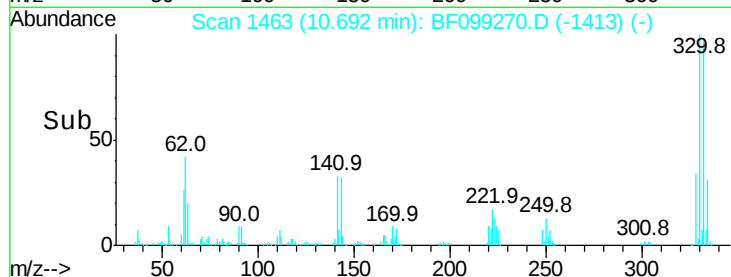
#41
 2,4,6-Tribromophenol
 Concen: 119.871 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099270.D
 Acq: 9 Oct 2017 18:51

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	37.0	29.9	44.9

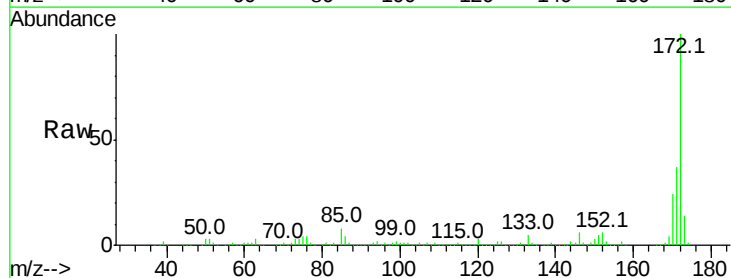


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

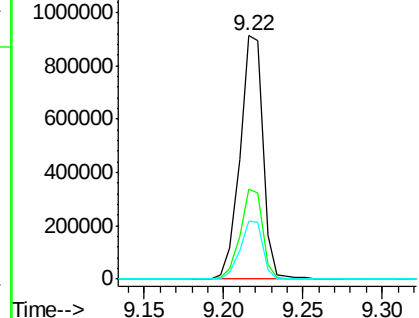
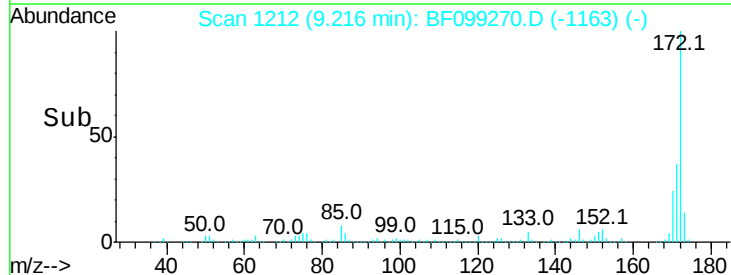


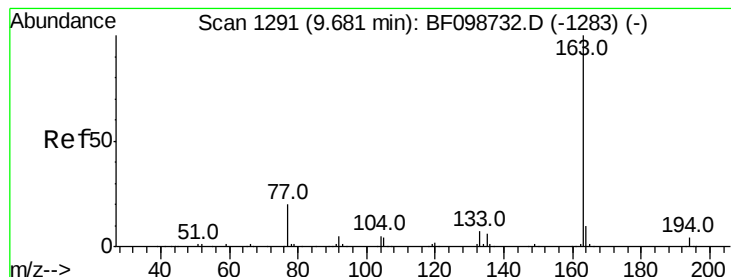
#44
 2-Fluorobiphenyl
 Concen: 76.692 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099270.D
 Acq: 9 Oct 2017 18:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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: 9.874 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099270.D

Acq: 9 Oct 2017 18:51

Instrument :

BNA_F

ClientSampleId :

ENV-116-7(10-15)

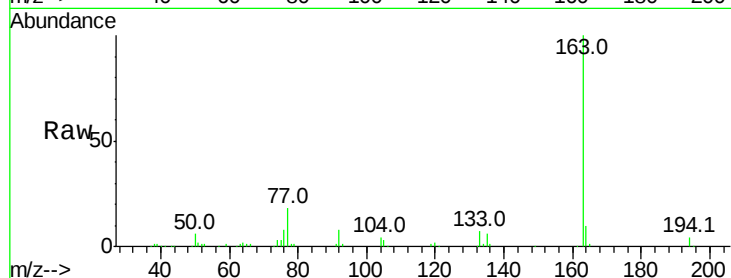
Tot Ion:163 Resp: 149119

Ion Ratio Lower Upper

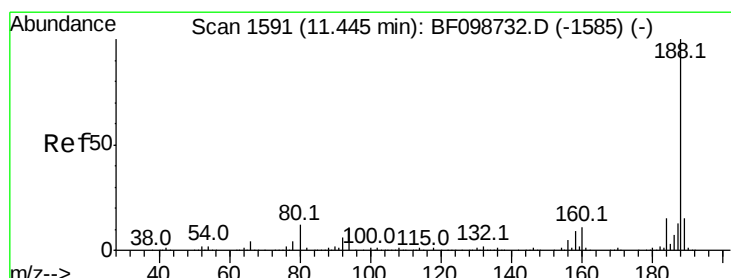
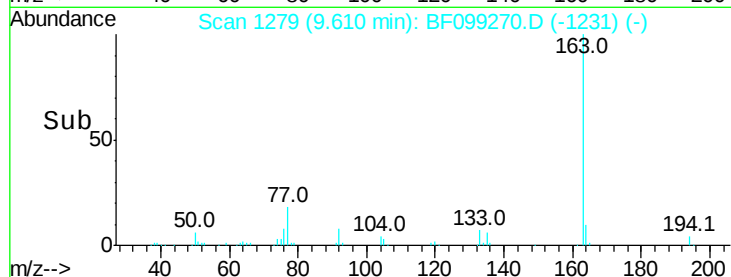
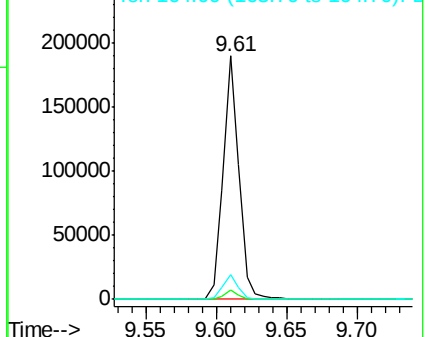
163 100

194 3.7 2.7 4.1

164 10.0 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: BF099270.D

Acq: 9 Oct 2017 18:51

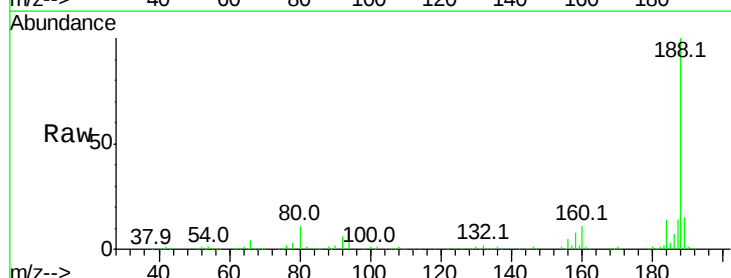
Tgt Ion:188 Resp: 345360

Ion Ratio Lower Upper

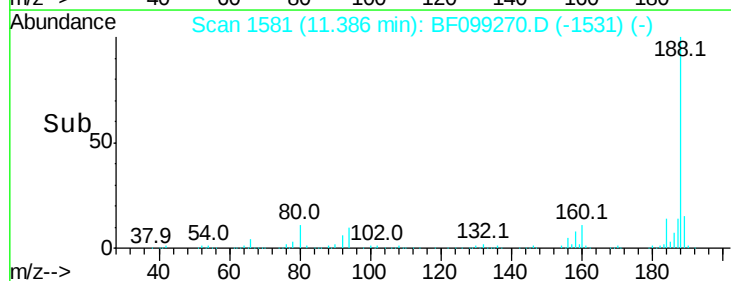
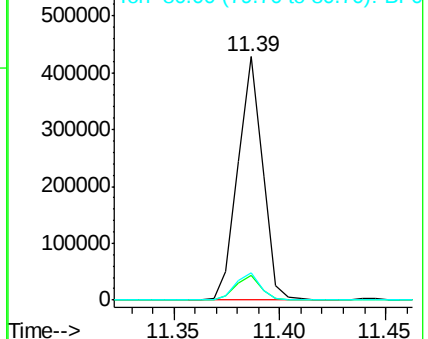
188 100

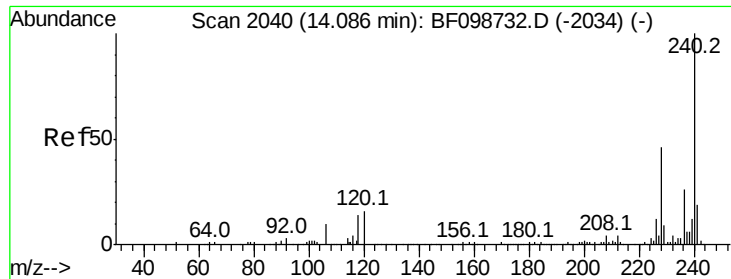
94 10.3 8.5 12.7

80 11.4 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: BF099270.D

Acq: 9 Oct 2017 18:51

Instrument :

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ClientSampleId :

ENV-116-7(10-15)

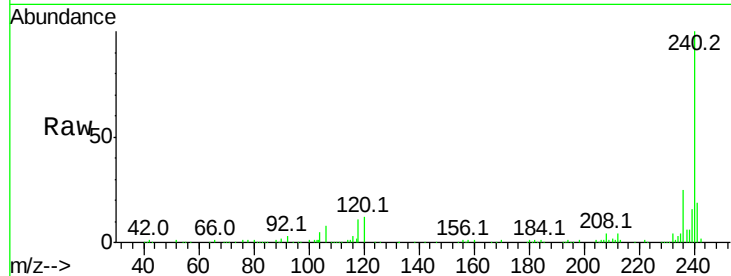
Tot Ion:240 Resp: 201443

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

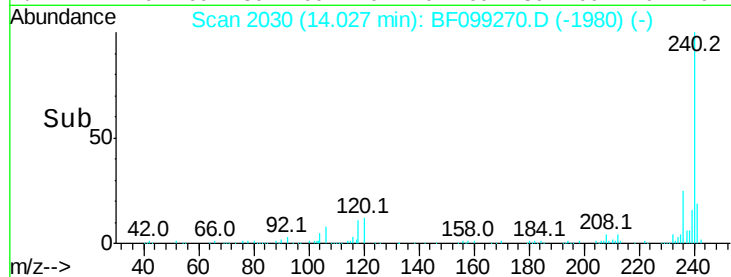
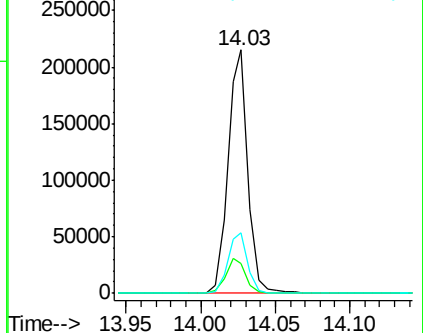
236 24.7 20.7 31.1



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: 83.463 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099270.D

Acq: 9 Oct 2017 18:51

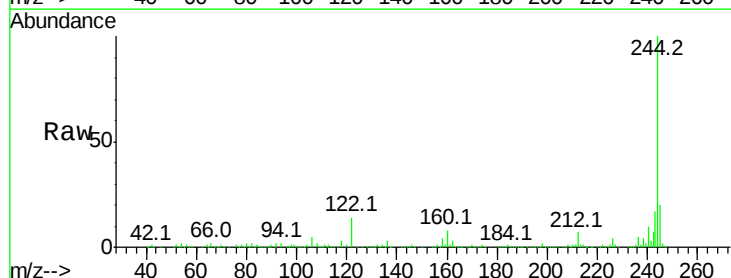
Tgt Ion:244 Resp: 739290

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

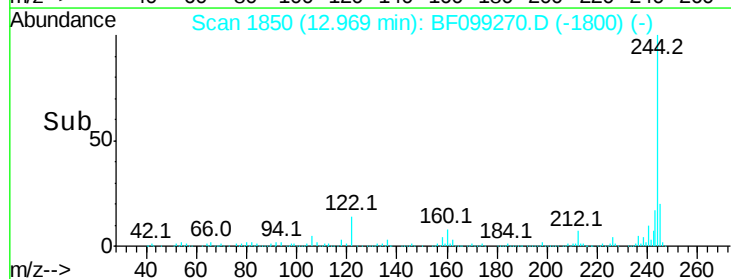
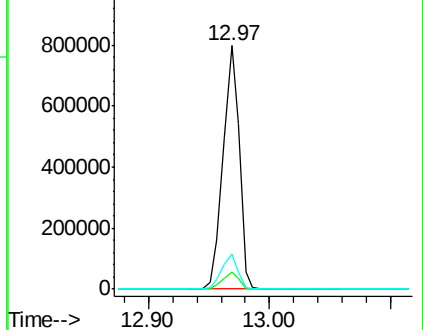
122 14.1 11.0 16.4



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

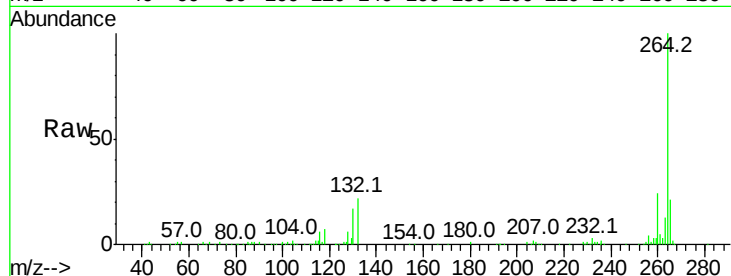




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099270.D
 Acq: 9 Oct 2017 18:51

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.8	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

