

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099298.D
 Acq On : 10 Oct 2017 13:48
 Operator : SJ/JU
 Sample : I5651-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(5-10)

Quant Time: Oct 10 16:30:50 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

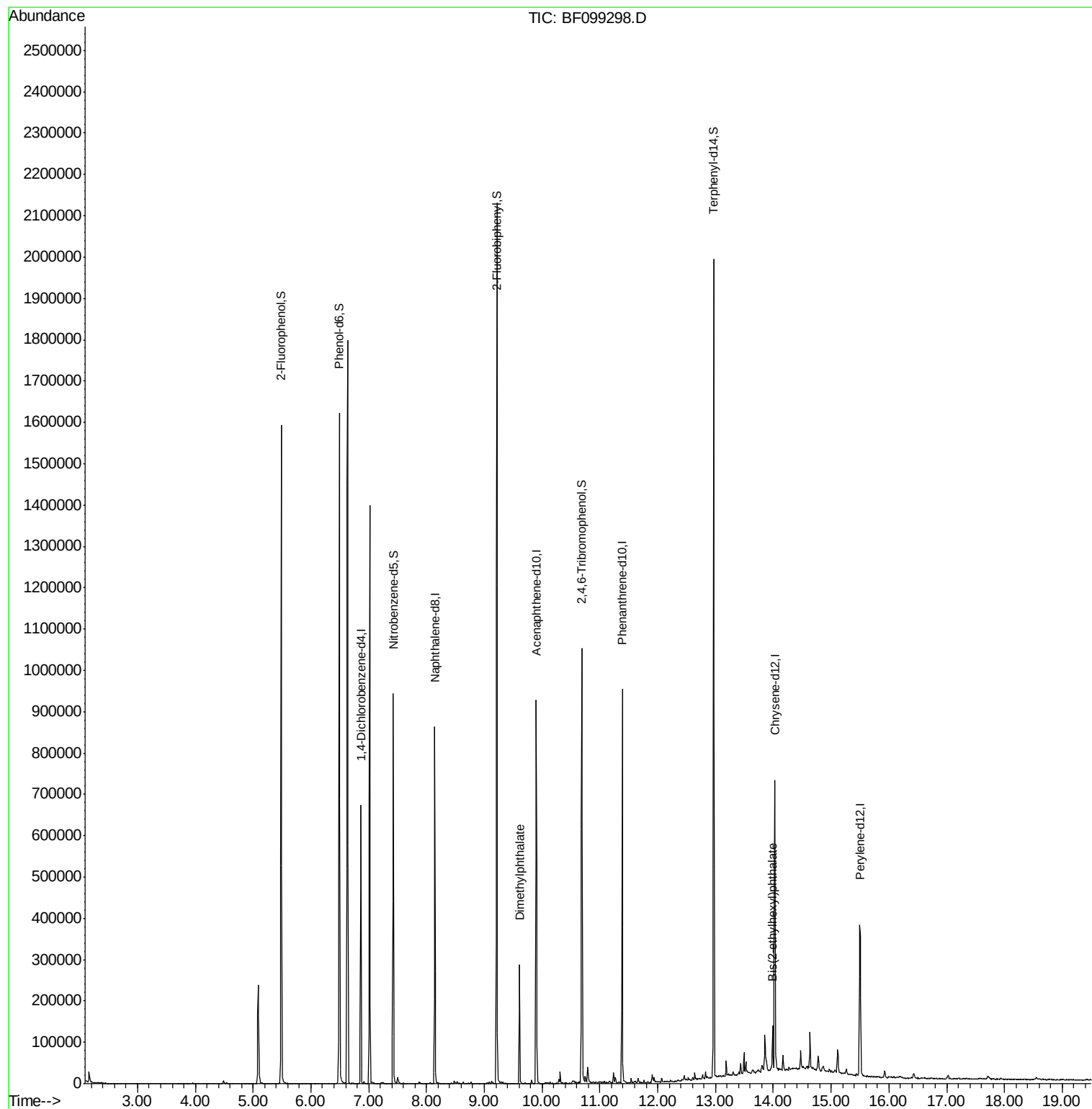
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	98253	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	395200	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	175591	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	320677	20.00	ng	0.00
75) Chrysene-d12	14.03	240	246678	20.00	ng	0.00
86) Perylene-d12	15.50	264	164206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	469640	76.09	ng	0.00
7) Phenol-d6	6.49	99	572799	75.23	ng	0.00
23) Nitrobenzene-d5	7.43	82	330300	53.60	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	117349	81.67	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	649211	61.72	ng	-0.01
78) Terphenyl-d14	12.97	244	606249	55.89	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	113876	8.593	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	40034	3.289	ng	# 98

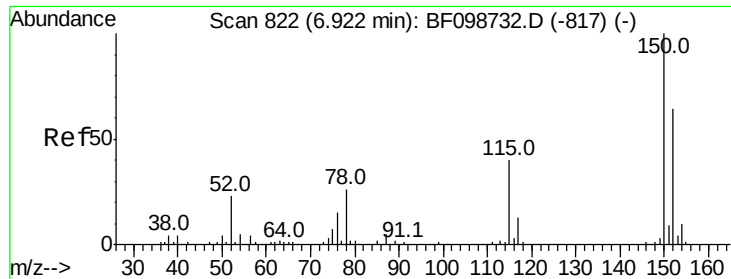
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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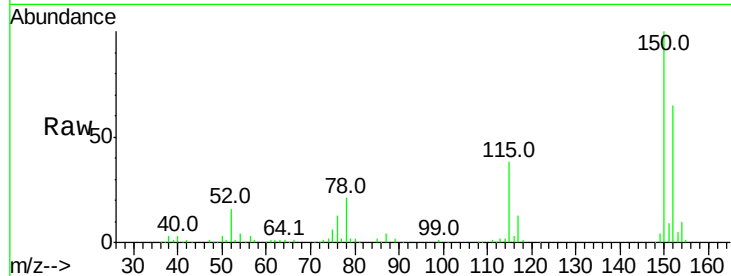


#1

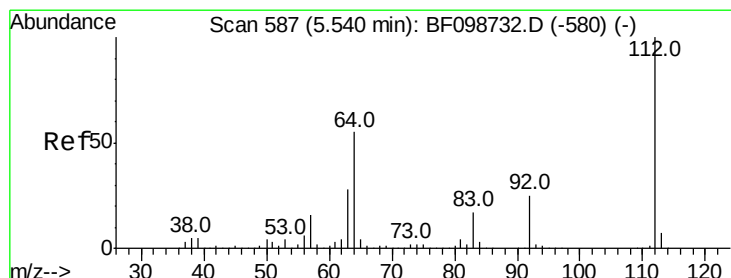
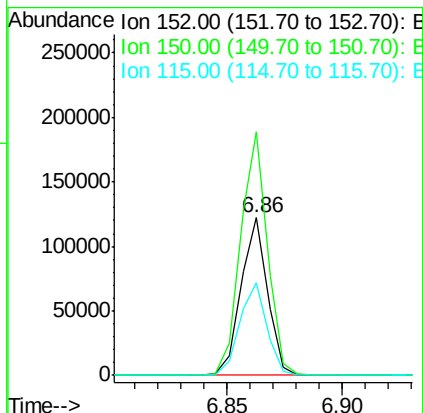
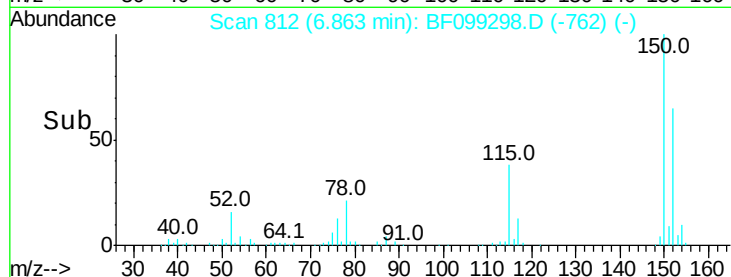
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099298.D
 Acq: 10 Oct 2017 13:48

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(5-10)

Tot Ion:152 Resp: 98253
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 59.1 50.1 75.1



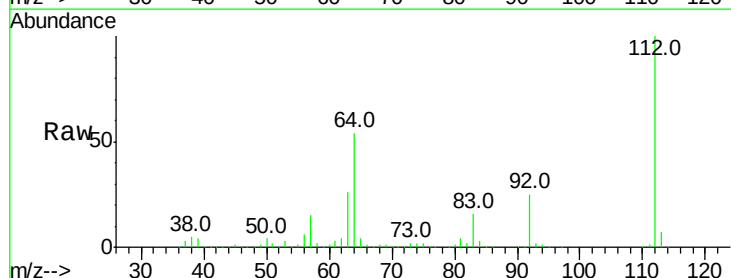
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



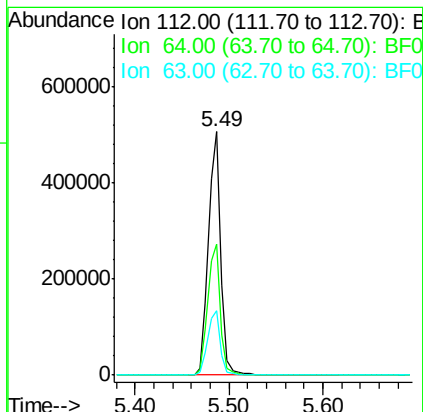
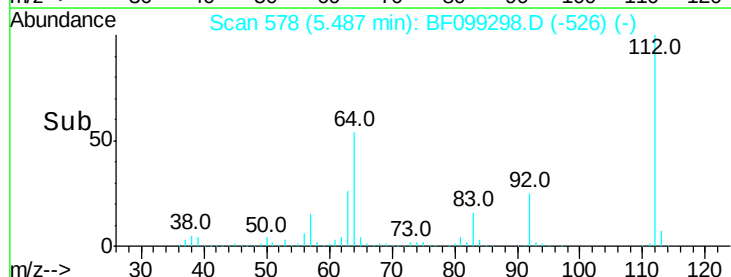
#5

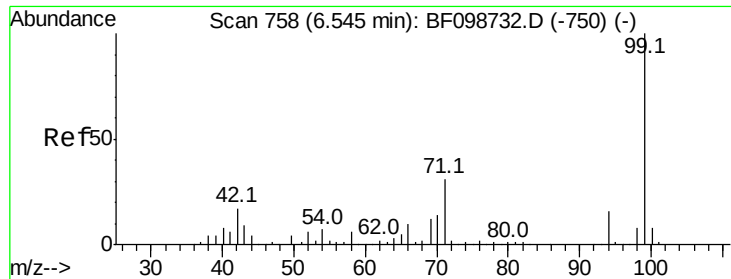
2-Fluorophenol
 Concen: 76.091 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099298.D
 Acq: 10 Oct 2017 13:48

Tgt Ion:112 Resp: 469640
 Ion Ratio Lower Upper
 112 100
 64 53.9 47.9 71.9
 63 26.3 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: 75.230 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099298.D

Acq: 10 Oct 2017 13:48

Instrument :

BNA_F

ClientSampleId :

ENV-116-1(5-10)

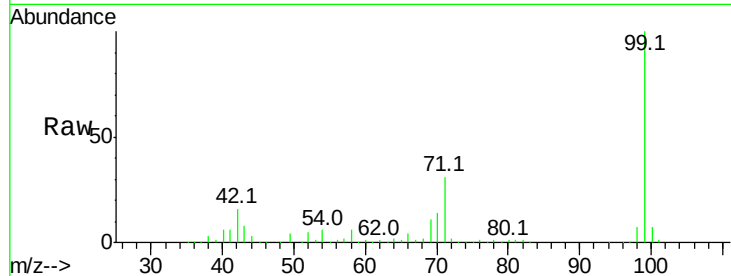
Tot Ion: 99 Resp: 572799

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

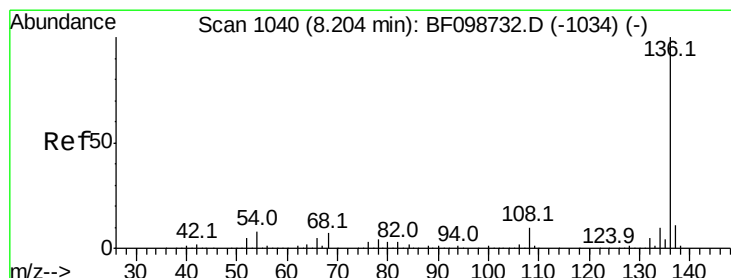
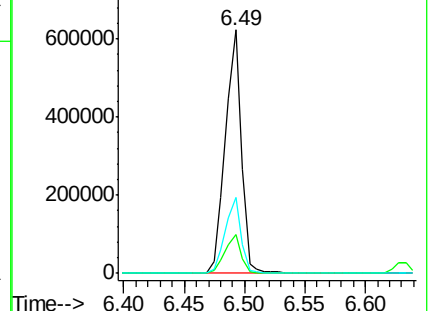
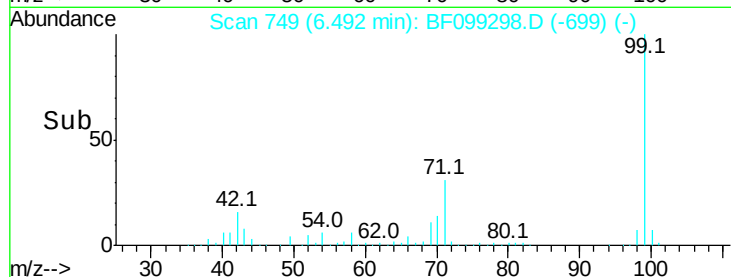
71 31.0 25.4 38.0



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: BF099298.D

Acq: 10 Oct 2017 13:48

Tgt Ion: 136 Resp: 395200

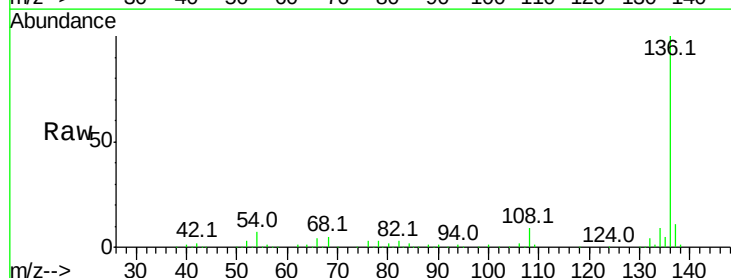
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 6.6 9.8

68 5.5 5.0 7.4

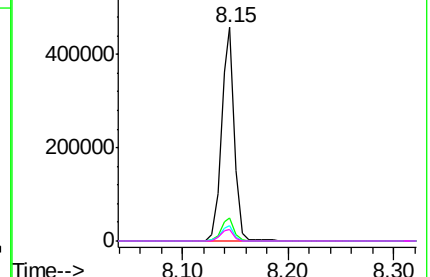
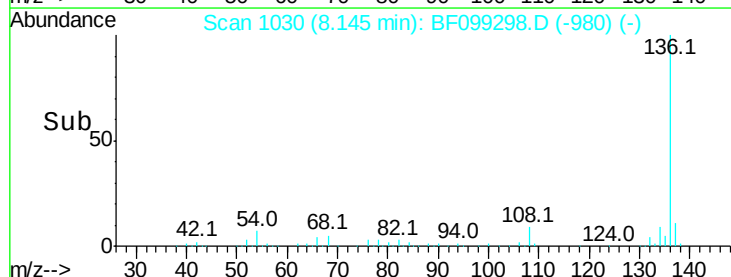


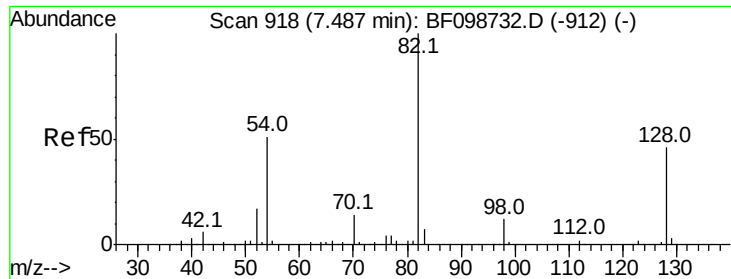
Abundance Ion 136.00 (135.70 to 136.70): E

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

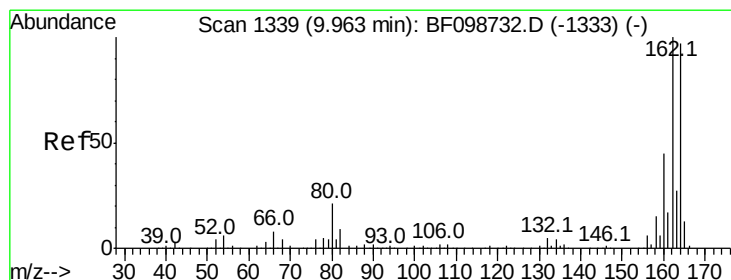
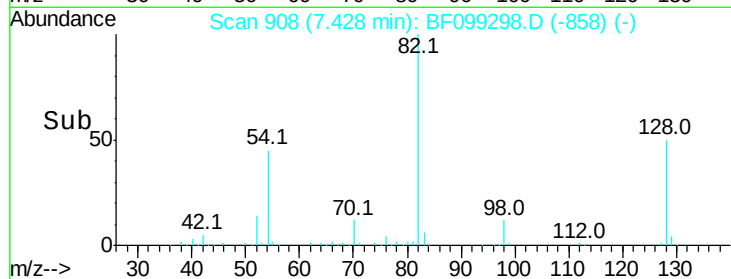
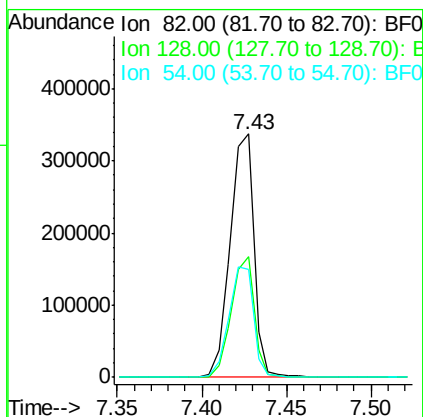
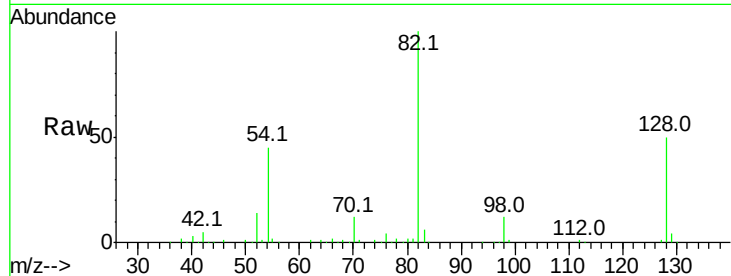




#23
Nitrobenzene-d5
Concen: 53.599 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099298.D
Acq: 10 Oct 2017 13:48

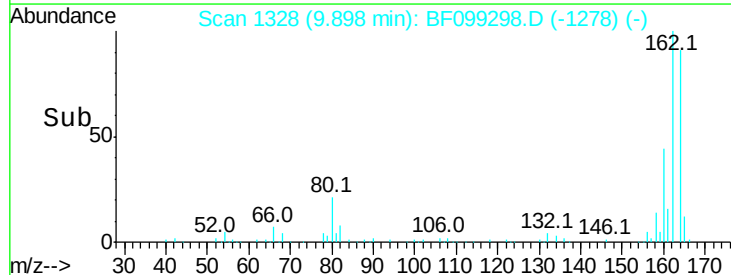
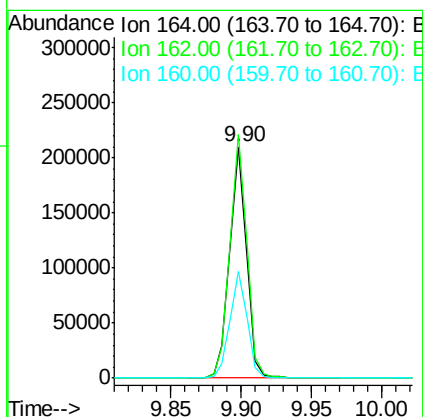
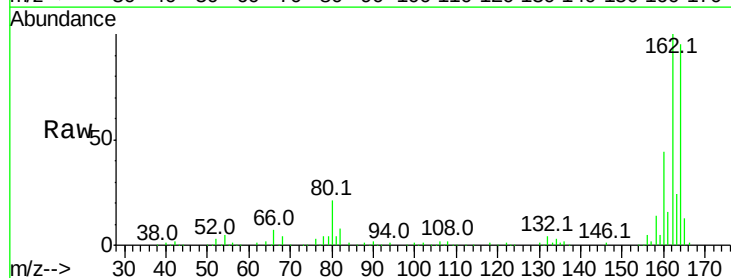
Instrument :
BNA_F
ClientSampleId :
ENV-116-1(5-10)

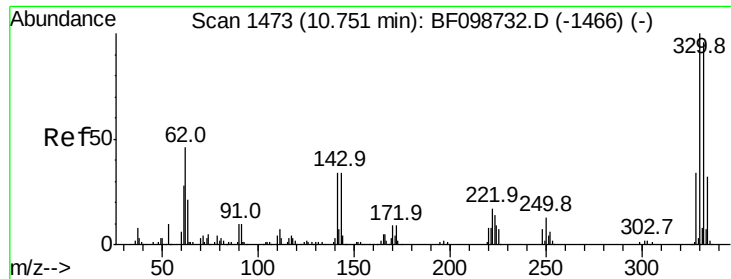
Tot Ion	82	Resp	330300
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	44.5	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099298.D
Acq: 10 Oct 2017 13:48

Tgt Ion	164	Resp	175591
Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.2	38.3	57.5

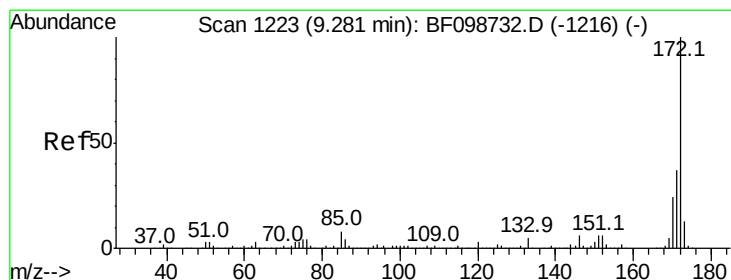
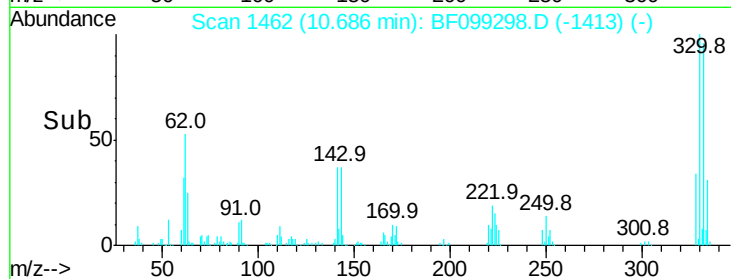
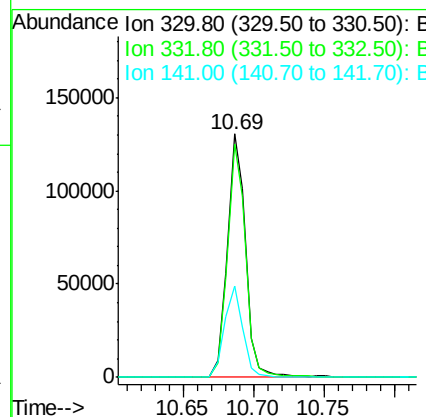
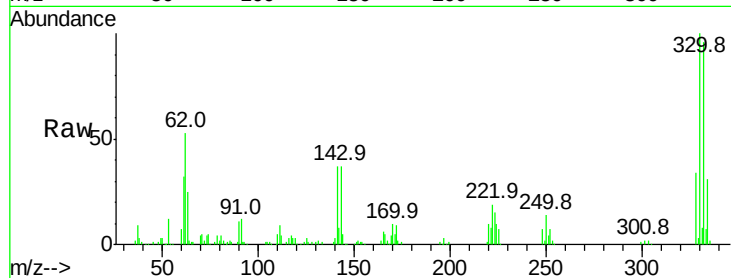




#41
 2,4,6-Tribromophenol
 Concen: 81.673 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099298.D
 Acq: 10 Oct 2017 13:48

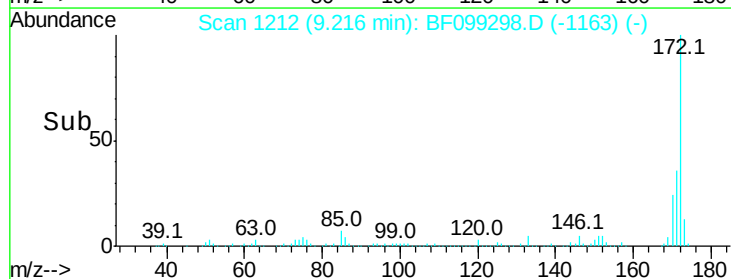
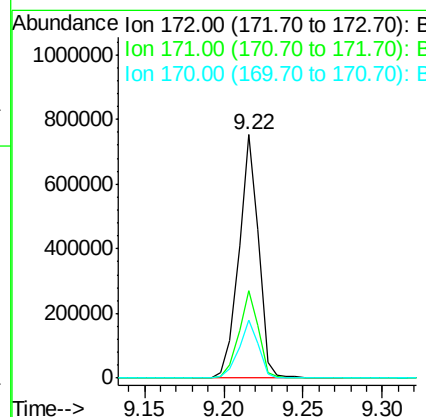
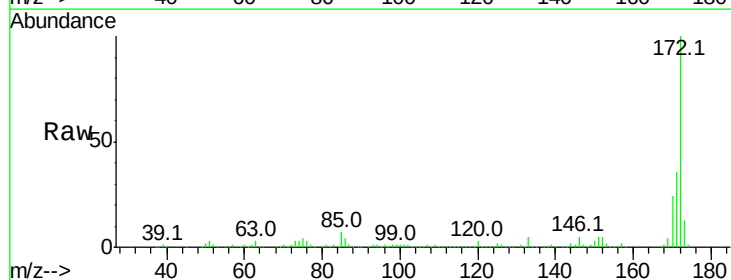
Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(5-10)

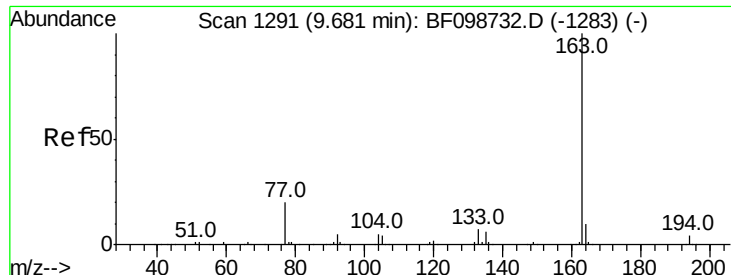
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	38.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 61.723 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099298.D
 Acq: 10 Oct 2017 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 8.593 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099298.D

Acq: 10 Oct 2017 13:48

Instrument :

BNA_F

ClientSampleId :

ENV-116-1(5-10)

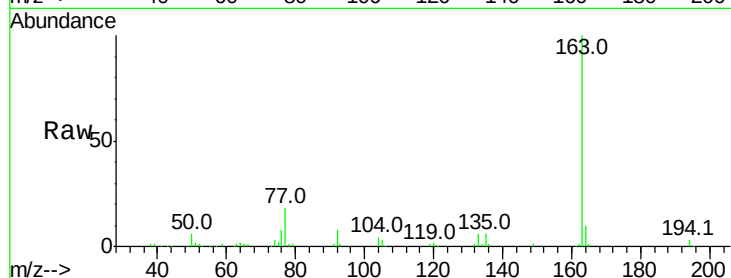
Tot Ion:163 Resp: 113876

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

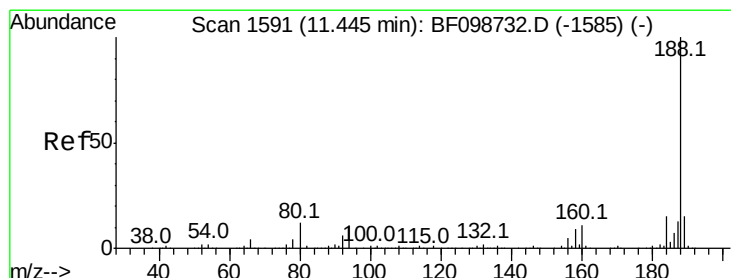
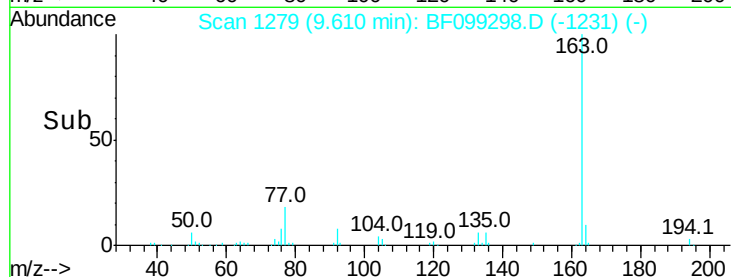
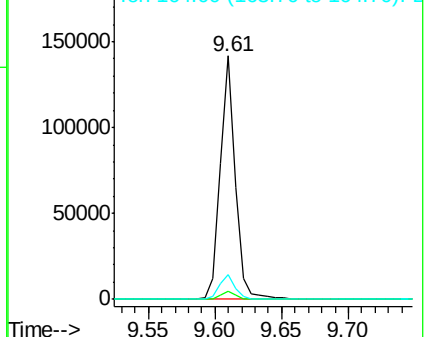
164 10.2 8.2 12.2



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: BF099298.D

Acq: 10 Oct 2017 13:48

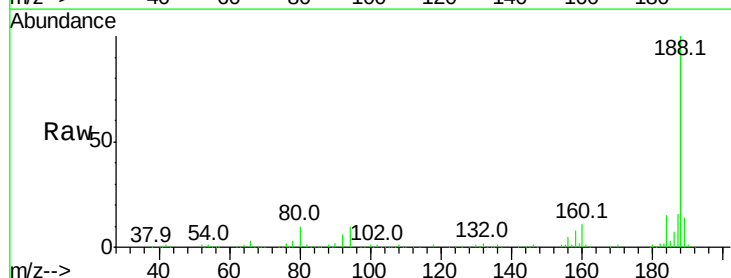
Tgt Ion:188 Resp: 320677

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

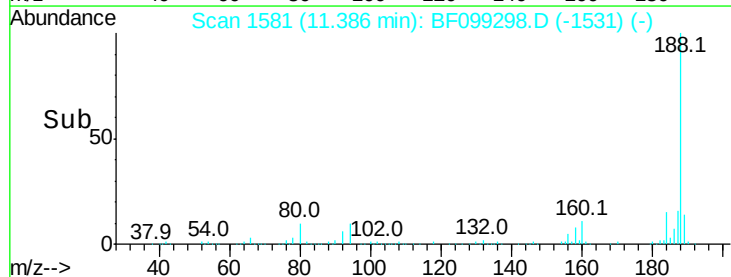
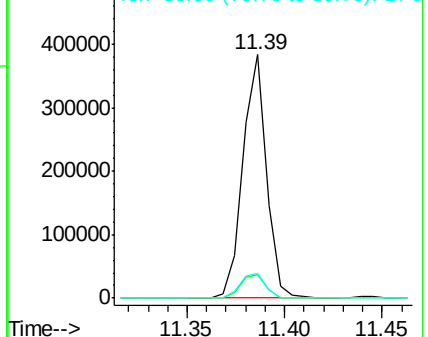
80 10.3 9.2 13.8

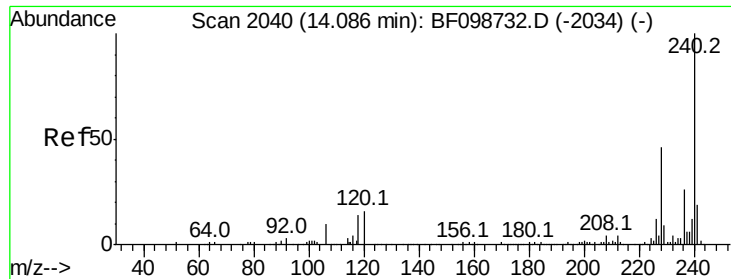


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF099298.D

Acq: 10 Oct 2017 13:48

Instrument :

BNA_F

ClientSampleId :

ENV-116-1(5-10)

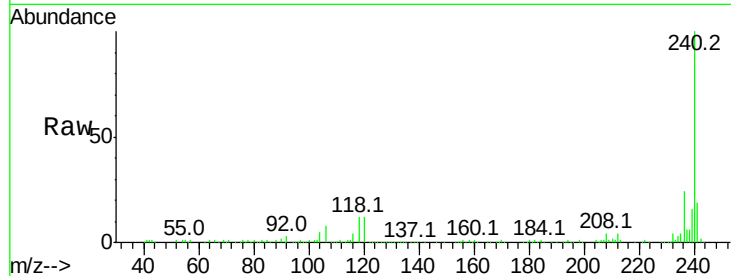
Tot Ion:240 Resp: 246678

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

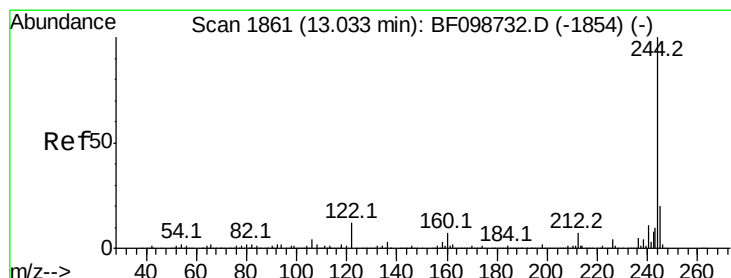
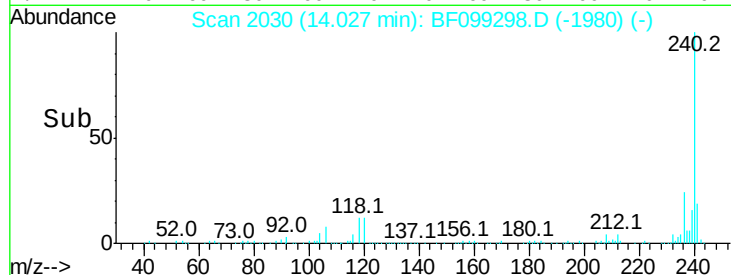
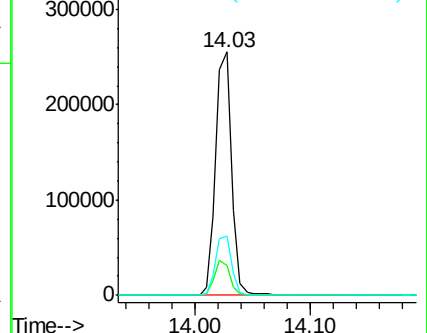
236 24.4 20.7 31.1



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: 55.892 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099298.D

Acq: 10 Oct 2017 13:48

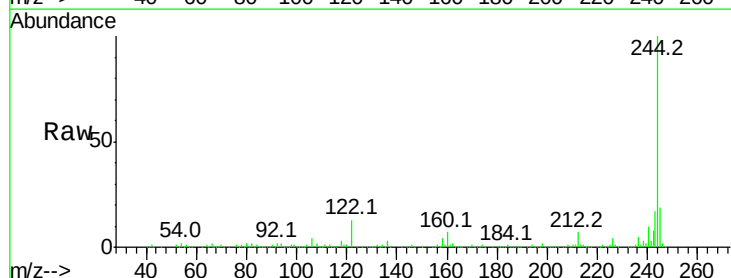
Tgt Ion:244 Resp: 606249

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

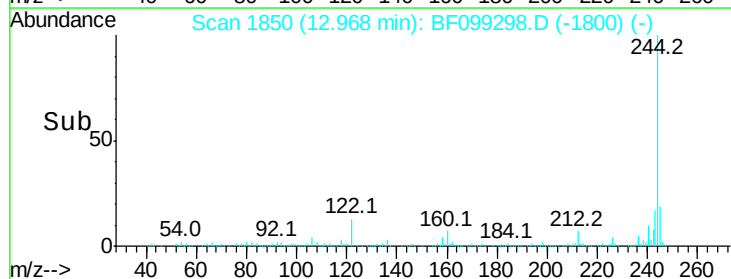
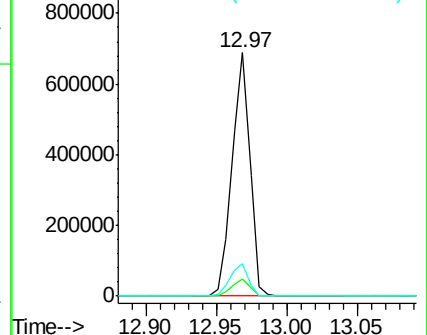
122 13.5 11.0 16.4

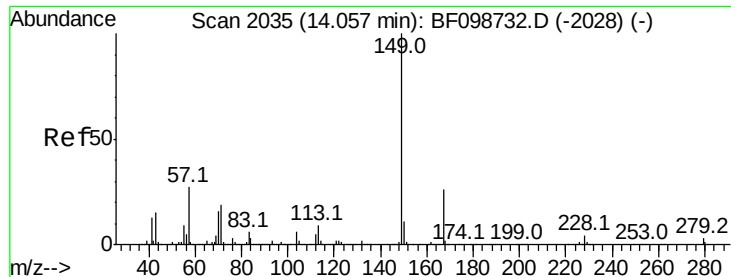


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

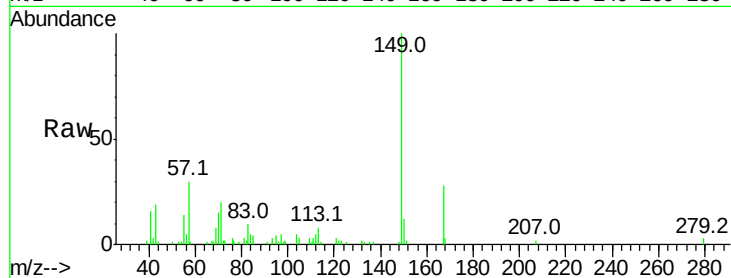




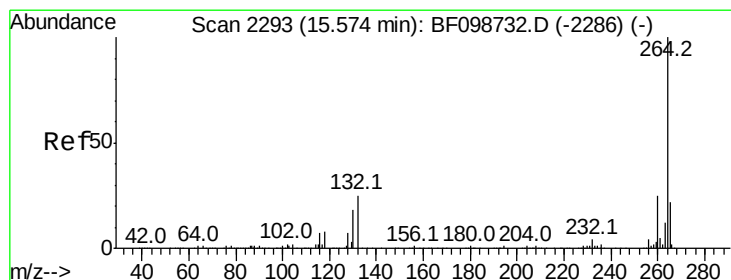
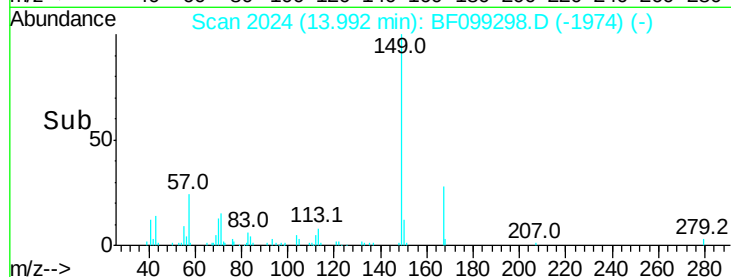
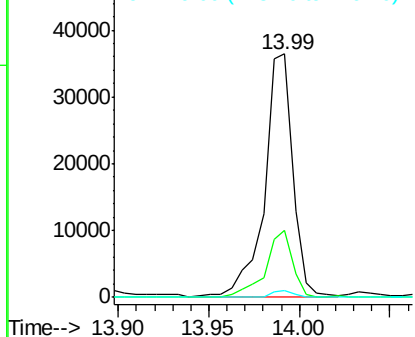
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.289 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099298.D
 Acq: 10 Oct 2017 13:48

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(5-10)

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	2.7	3.0	4.4#

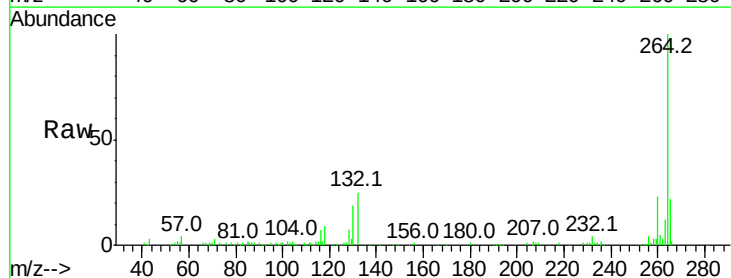


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099298.D
 Acq: 10 Oct 2017 13:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.0	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

