

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099316.D
 Acq On : 10 Oct 2017 22:47
 Operator : SJ/JU
 Sample : I5691-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-117-1(10-15)

Quant Time: Oct 11 01:52:05 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

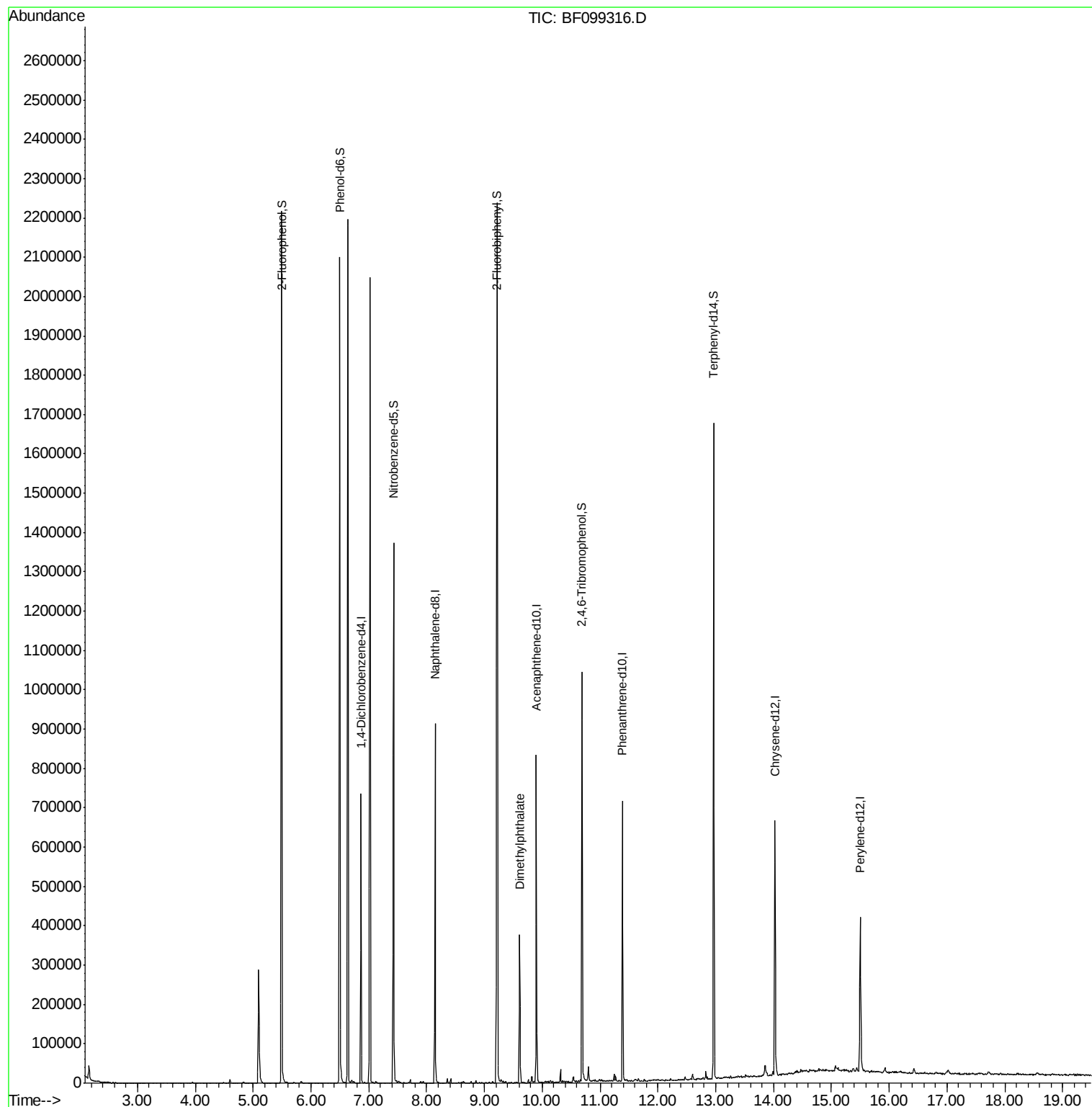
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	101285	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	400560	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	158377	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	233644	20.00	ng	0.00
75) Chrysene-d12	14.03	240	208080	20.00	ng	0.00
86) Perylene-d12	15.50	264	176886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	689273	108.33	ng	0.01
7) Phenol-d6	6.50	99	819102	104.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	475283	76.09	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	127667	98.51	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	780045	82.22	ng	0.00
78) Terphenyl-d14	12.97	244	496355	54.25	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	146355	12.244	ng	99

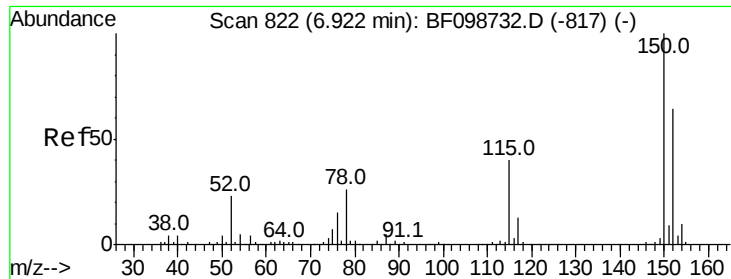
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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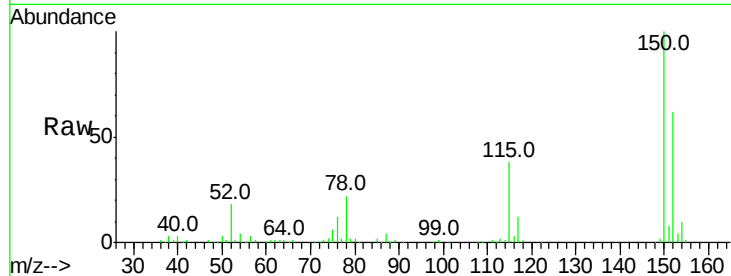


#1

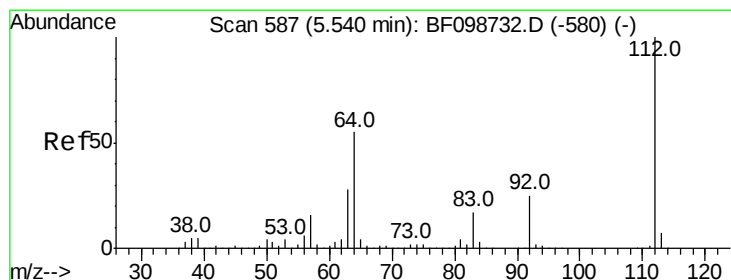
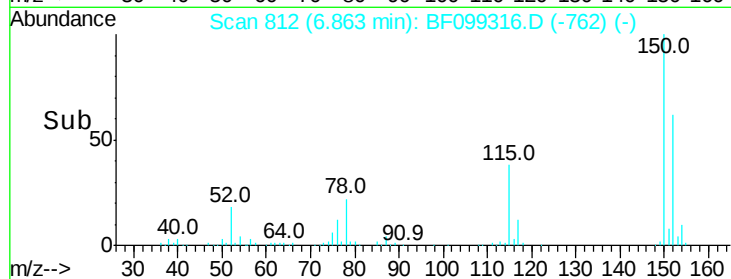
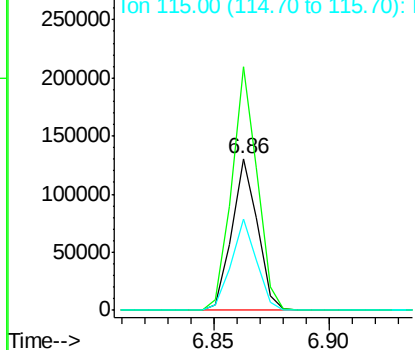
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :
 ENV-117-1(10-15)

Tot Ion:152 Resp: 101285
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.6 186.8
 115 60.2 50.1 75.1



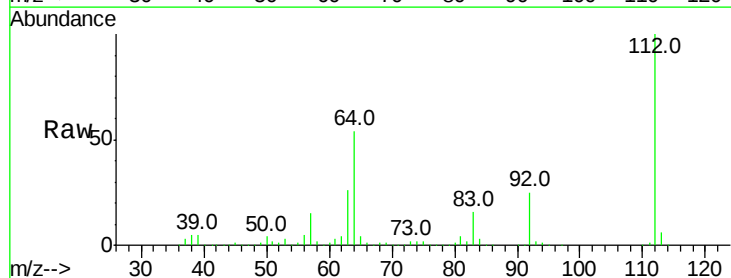
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



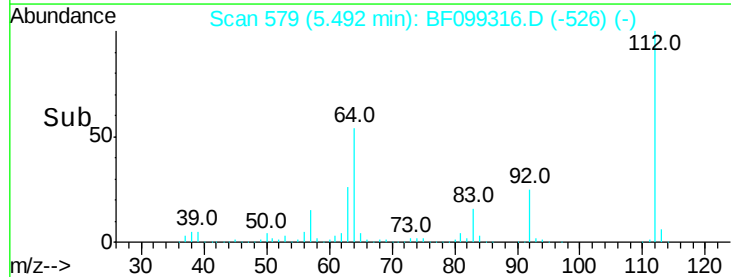
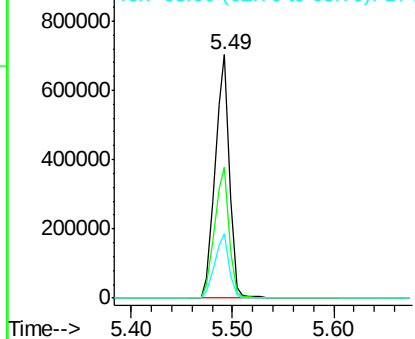
#5

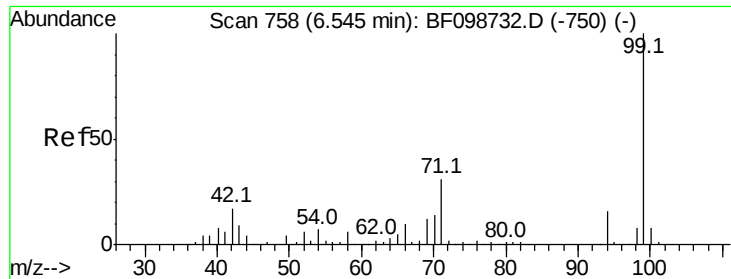
2-Fluorophenol
 Concen: 108.333 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

Tgt Ion:112 Resp: 689273
 Ion Ratio Lower Upper
 112 100
 64 53.9 47.9 71.9
 63 26.5 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: 104.359 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099316.D

Acq: 10 Oct 2017 22:47

Instrument :

BNA_F

ClientSampleId :

ENV-117-1(10-15)

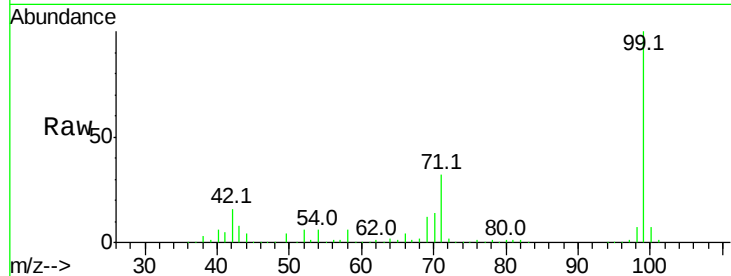
Tot Ion: 99 Resp: 819102

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

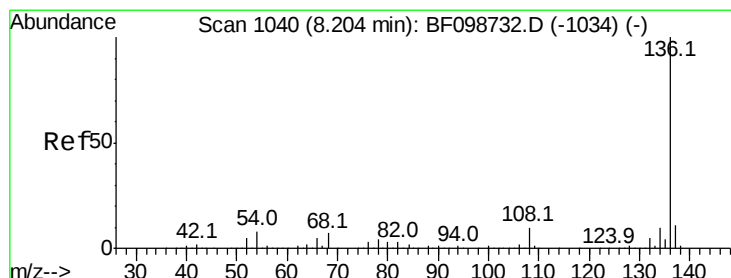
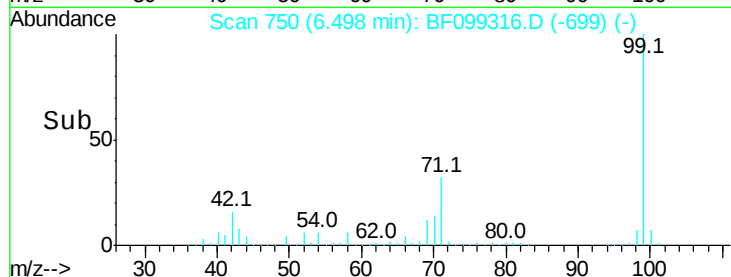
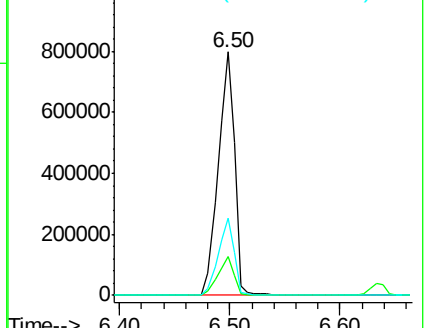
71 31.9 25.4 38.0



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: BF099316.D

Acq: 10 Oct 2017 22:47

Tgt Ion: 136 Resp: 400560

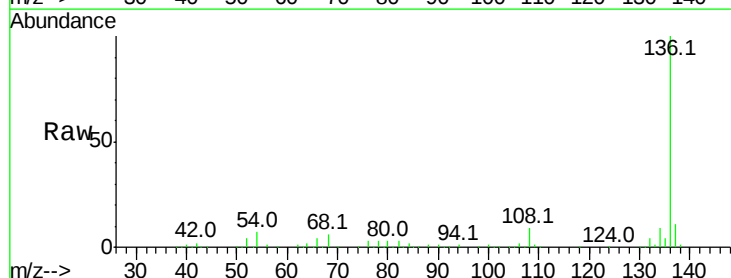
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

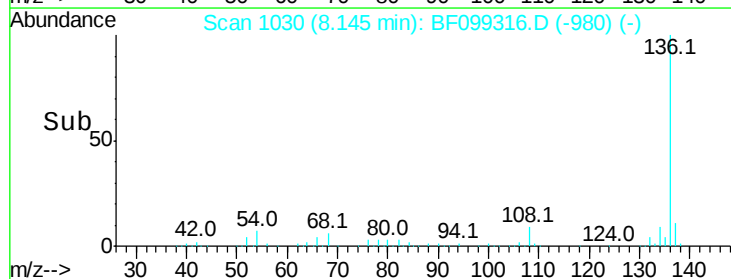
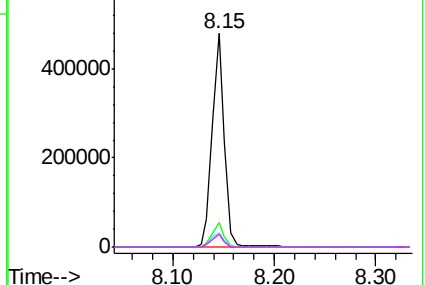


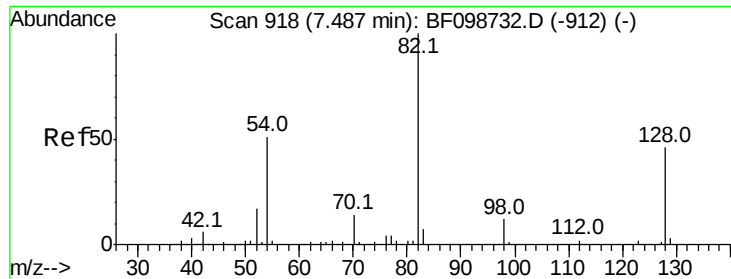
Abundance Ion 136.00 (135.70 to 136.70): E

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

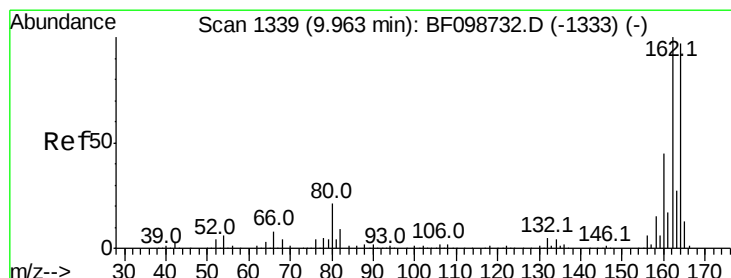
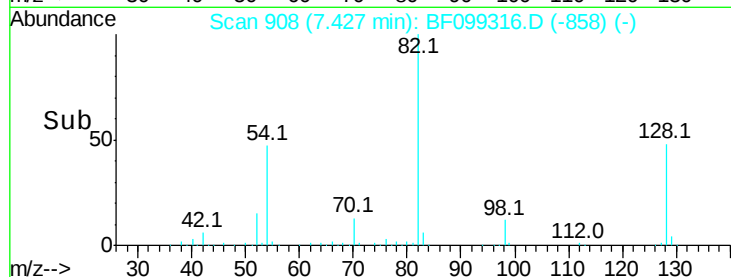
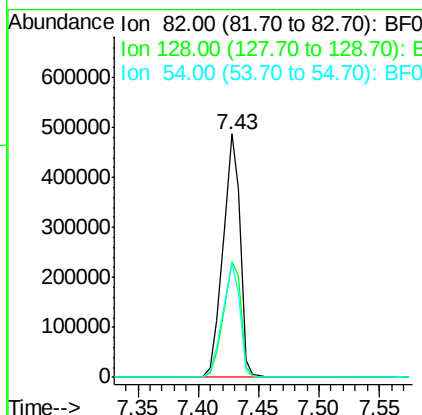
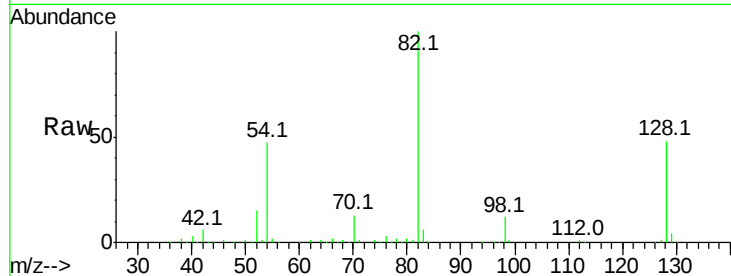




#23
 Nitrobenzene-d5
 Concen: 76.093 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

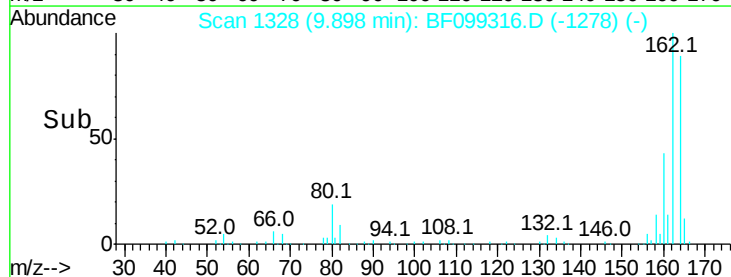
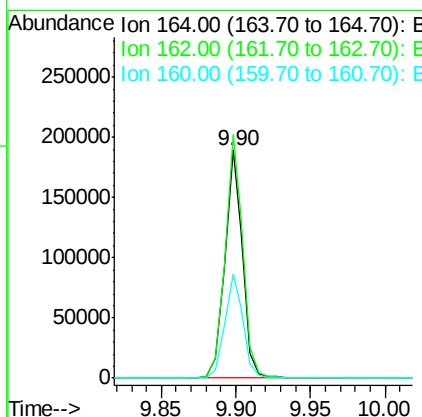
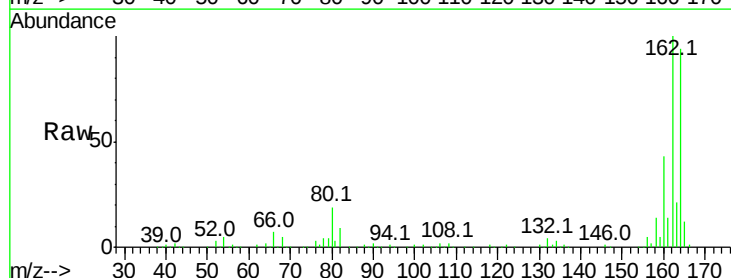
Instrument :
 BNA_F
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 ENV-117-1(10-15)

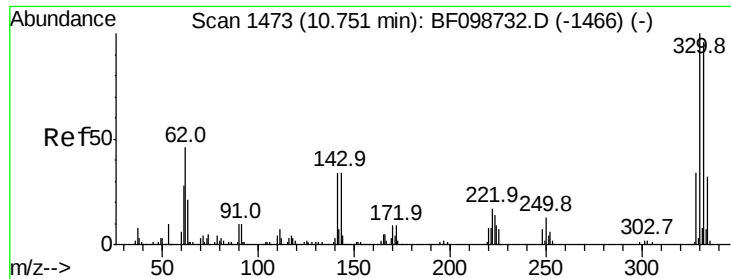
Tot Ion: 82 Resp: 475283
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 46.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

Tgt Ion:164 Resp: 158377
 Ion Ratio Lower Upper
 164 100
 162 106.8 86.1 129.1
 160 45.4 38.3 57.5

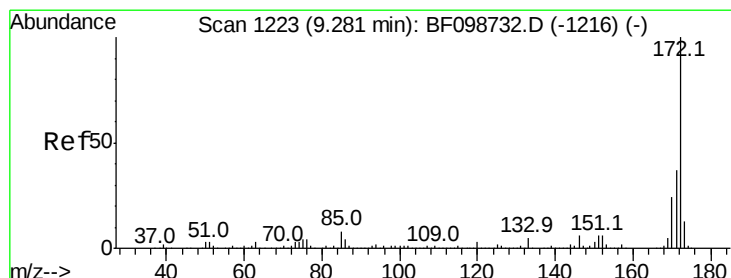
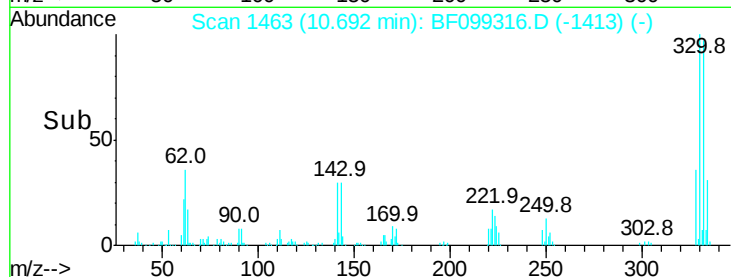
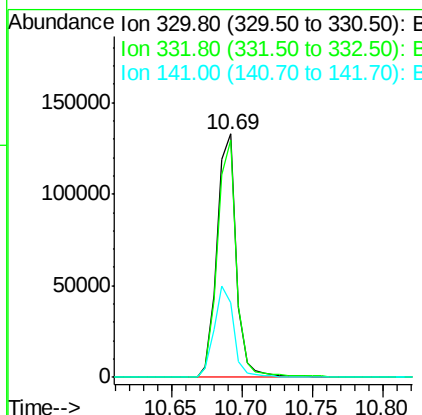
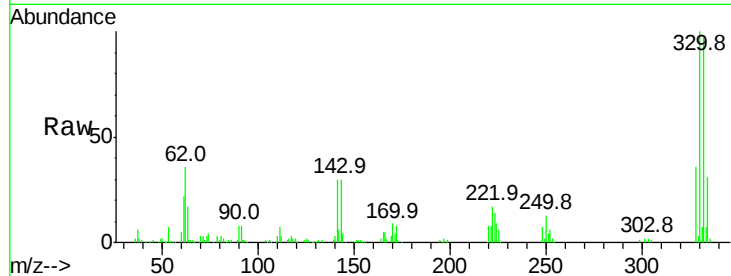




#41
 2,4,6-Tribromophenol
 Concen: 98.512 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

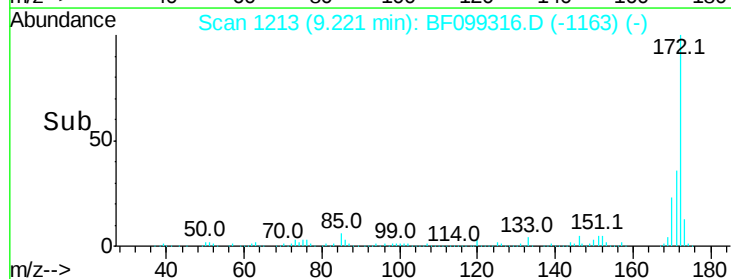
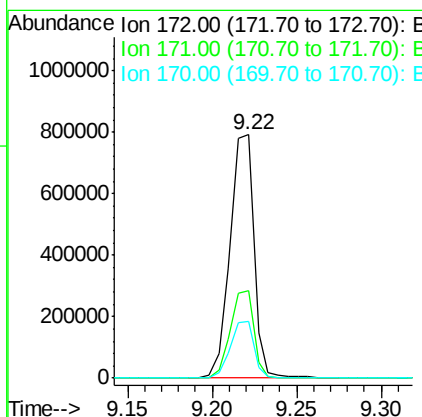
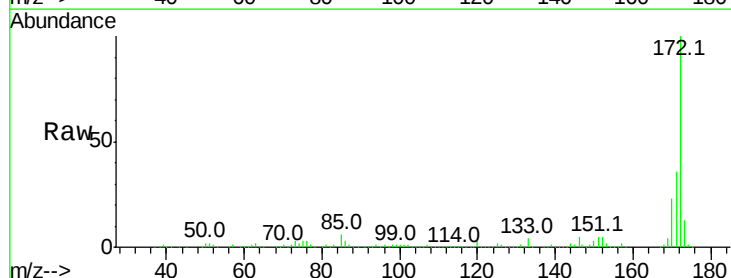
Instrument :
 BNA_F
 ClientSampleId :
 ENV-117-1(10-15)

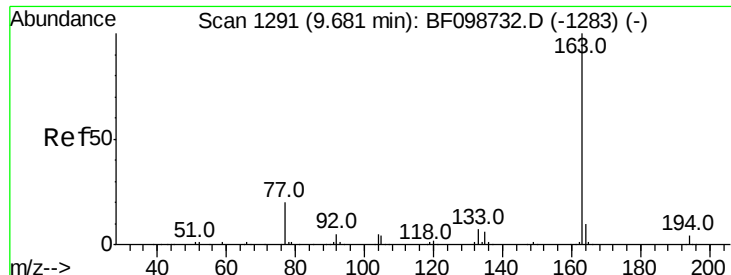
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	38.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 82.223 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.2	19.6	29.4





#49

Dimethylphthalate

Concen: 12.244 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099316.D

Acq: 10 Oct 2017 22:47

Instrument :

BNA_F

ClientSampleId :

ENV-117-1(10-15)

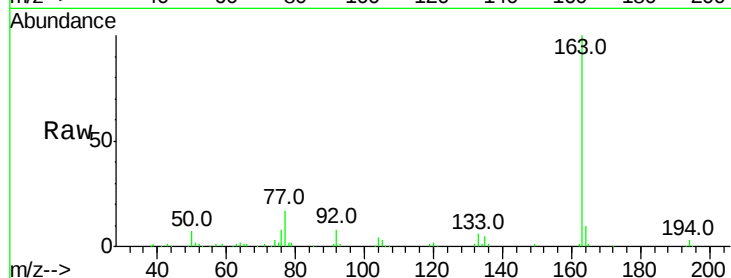
Tot Ion:163 Resp: 146355

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

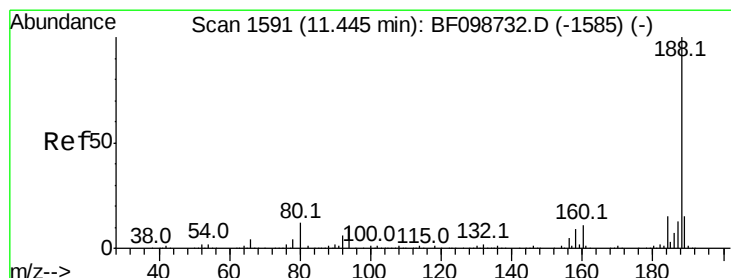
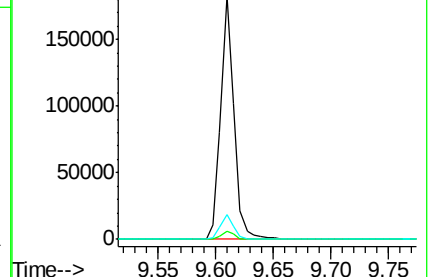
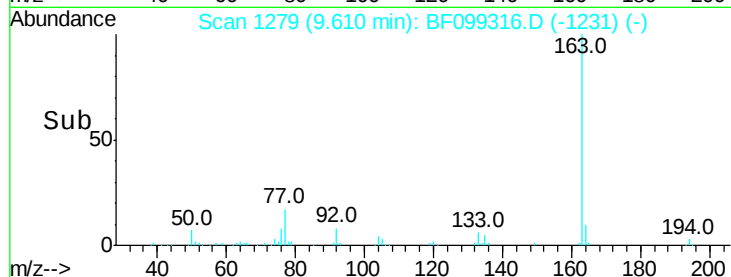
164 9.9 8.2 12.2



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: BF099316.D

Acq: 10 Oct 2017 22:47

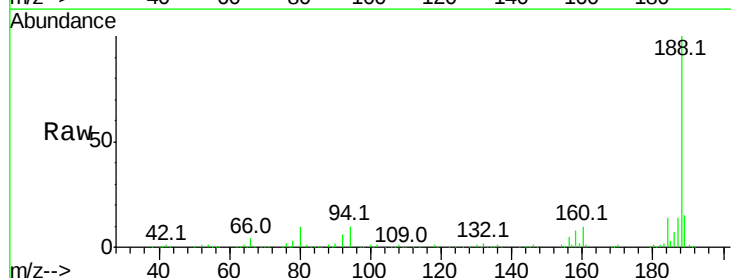
Tgt Ion:188 Resp: 233644

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

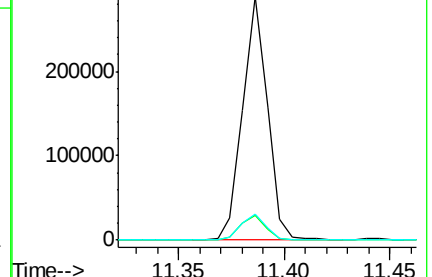
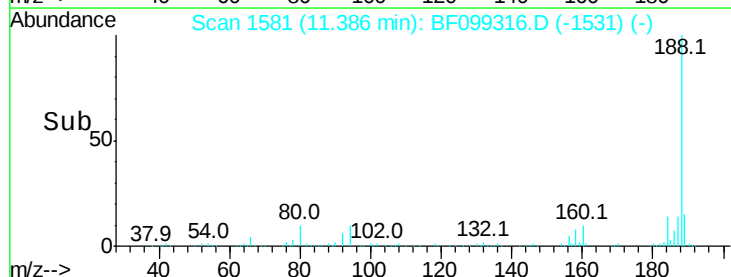
80 10.5 9.2 13.8

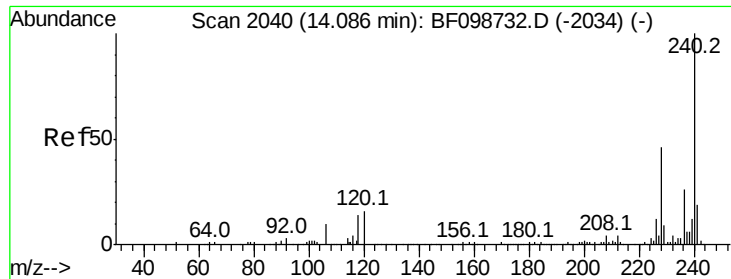


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF099316.D

Acq: 10 Oct 2017 22:47

Instrument :

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ClientSampleId :

ENV-117-1(10-15)

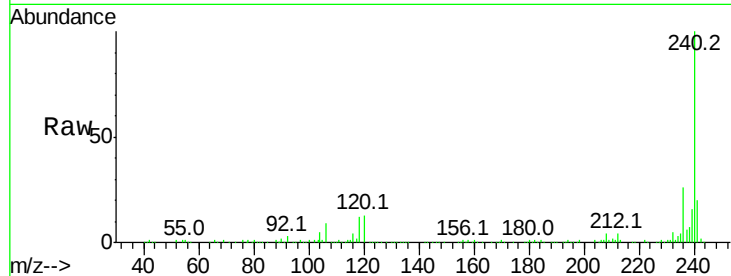
Tot Ion:240 Resp: 208080

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

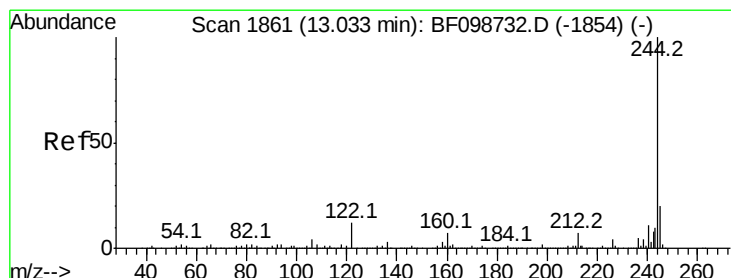
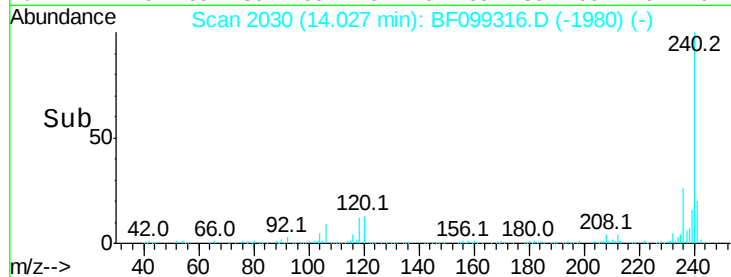
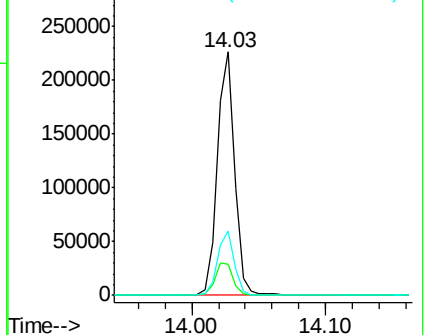
236 26.4 20.7 31.1



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: 54.249 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099316.D

Acq: 10 Oct 2017 22:47

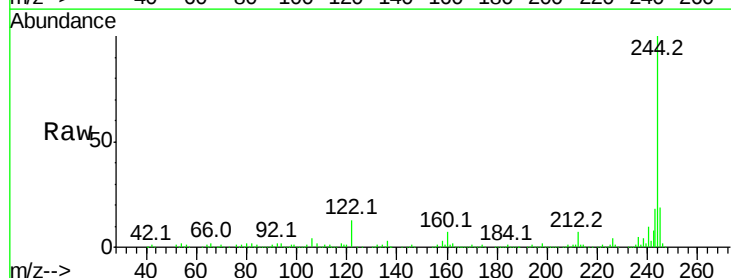
Tgt Ion:244 Resp: 496355

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

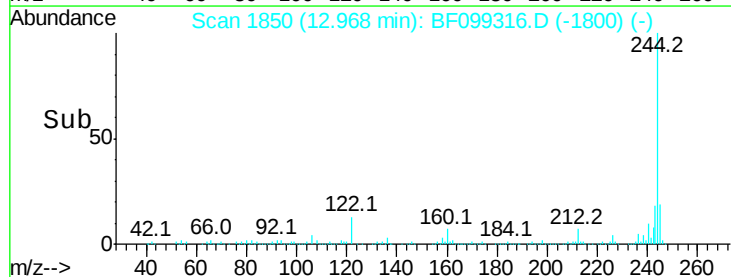
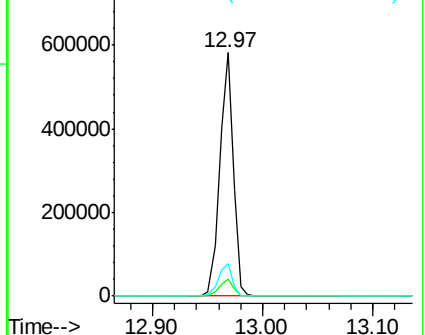
122 13.3 11.0 16.4

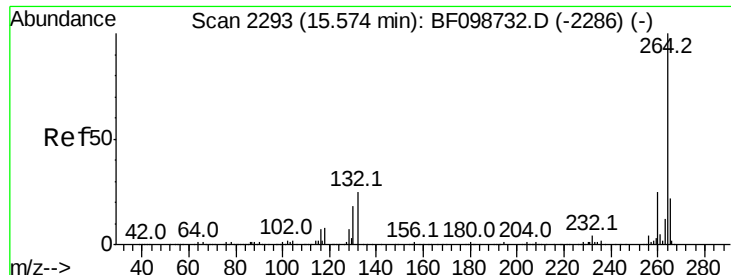


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

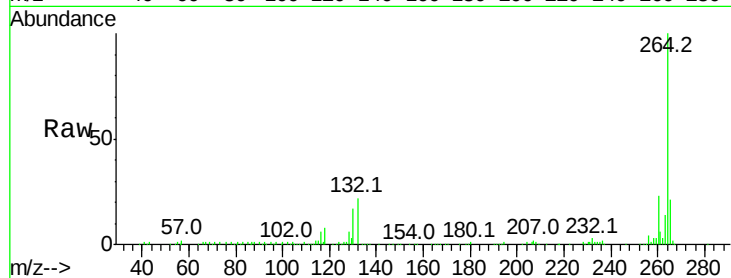




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :
 ENV-117-1(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.0	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

