

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099283.D
 Acq On : 10 Oct 2017 1:00
 Operator : SJ/JU
 Sample : I5651-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(10-15)

Quant Time: Oct 10 04:58:16 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

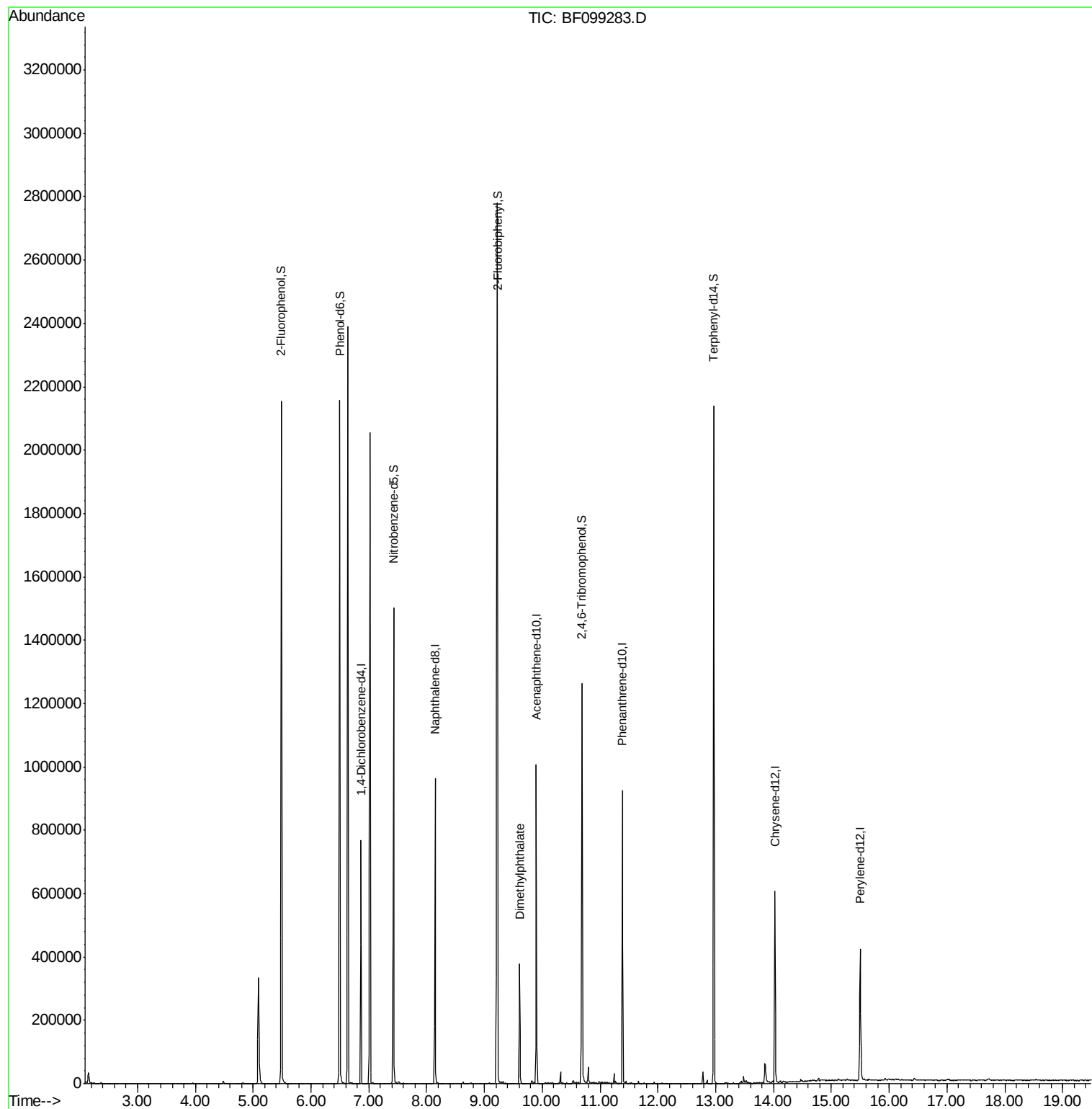
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	105873	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	428453	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	188749	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	297271	20.00	ng	0.00
75) Chrysene-d12	14.03	240	198923	20.00	ng	0.00
86) Perylene-d12	15.50	264	193339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	709851	106.73	ng	0.00
7) Phenol-d6	6.50	99	853479	104.03	ng	0.00
23) Nitrobenzene-d5	7.43	82	508317	76.08	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	164216	106.32	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	963005	85.17	ng	0.00
78) Terphenyl-d14	12.97	244	669063	76.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	143282	10.058	ng	Qvalue 99

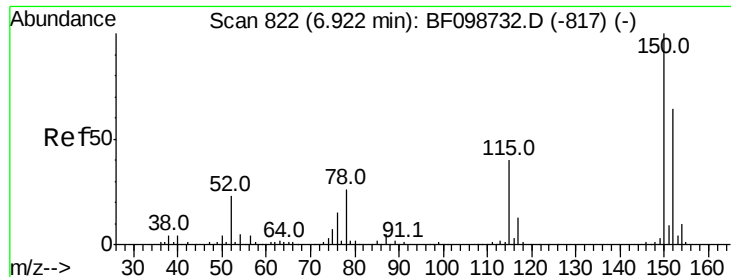
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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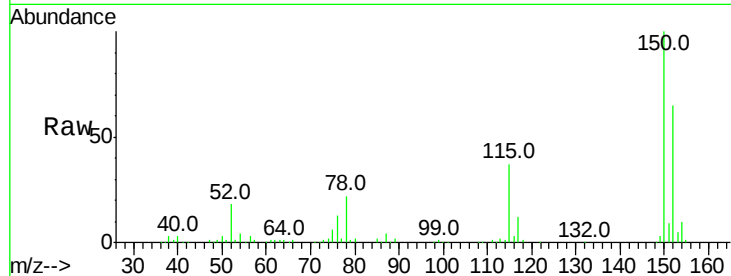


#1

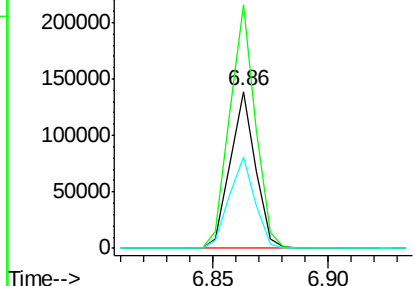
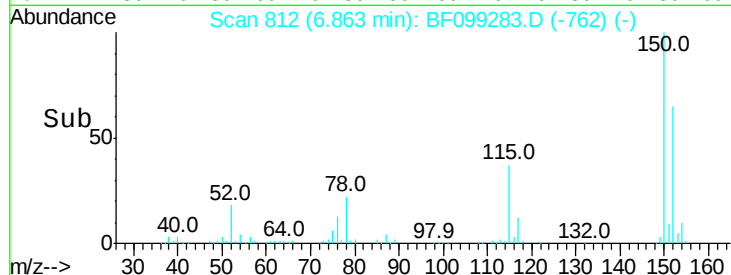
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(10-15)

Tot Ion:152 Resp: 105873
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 58.1 50.1 75.1



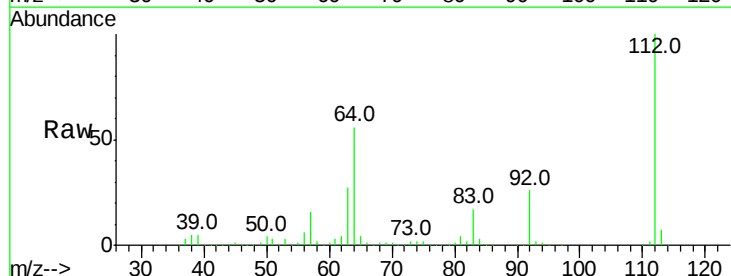
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



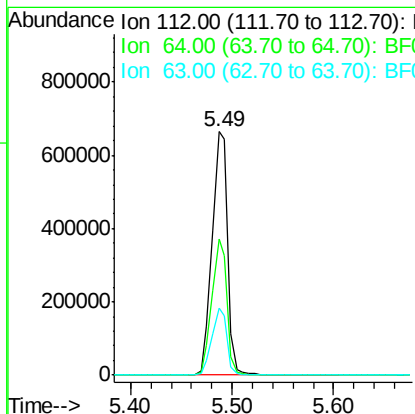
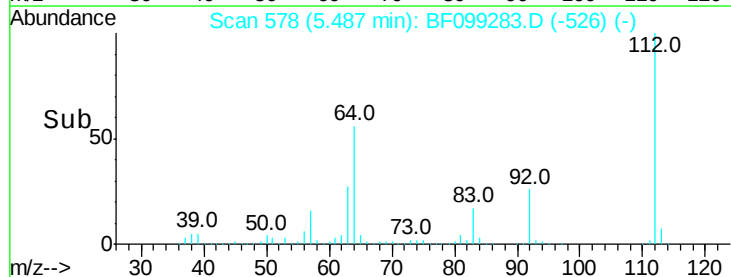
#5

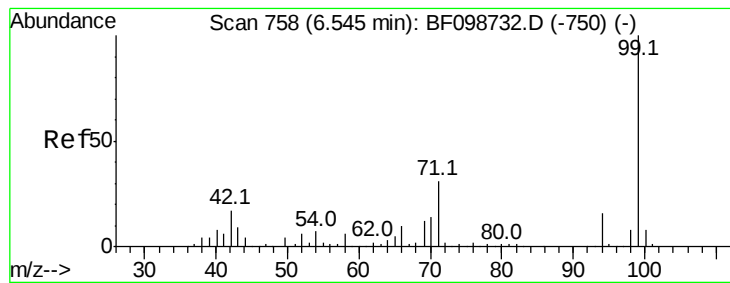
2-Fluorophenol
 Concen: 106.733 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Tgt Ion:112 Resp: 709851
 Ion Ratio Lower Upper
 112 100
 64 56.1 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: 104.027 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099283.D

Acq: 10 Oct 2017 1:00

Instrument :

BNA_F

ClientSampleId :

ENV-116-1(10-15)

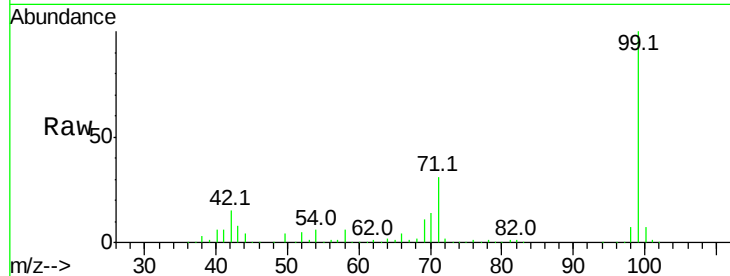
Tot Ion: 99 Resp: 853479

Ion Ratio Lower Upper

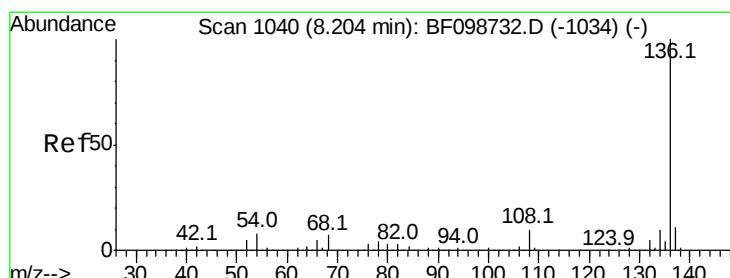
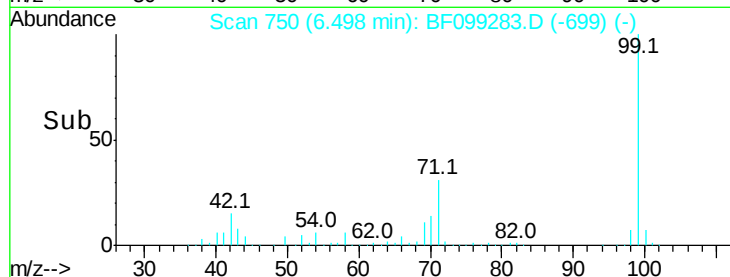
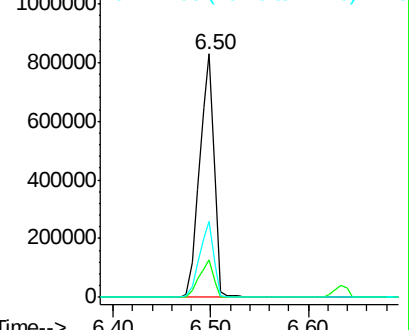
99 100

42 15.3 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: BF099283.D

Acq: 10 Oct 2017 1:00

Tgt Ion: 136 Resp: 428453

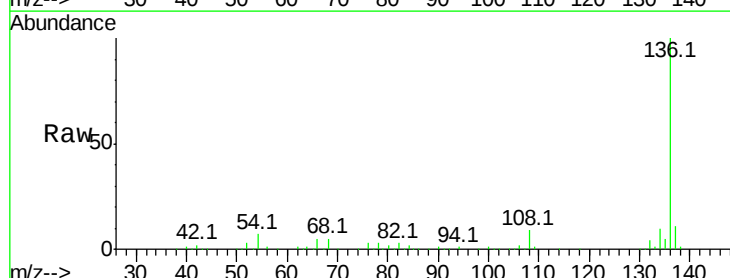
Ion Ratio Lower Upper

136 100

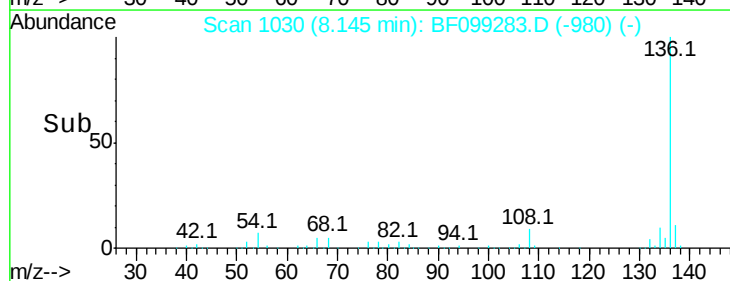
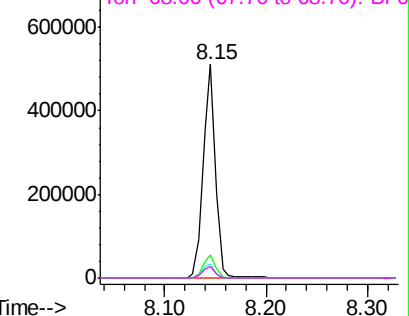
137 10.5 8.9 13.3

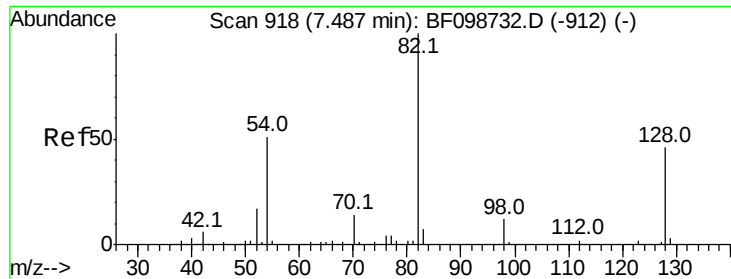
54 6.9 6.6 9.8

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

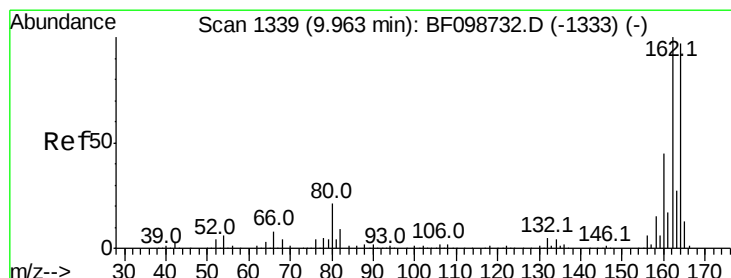
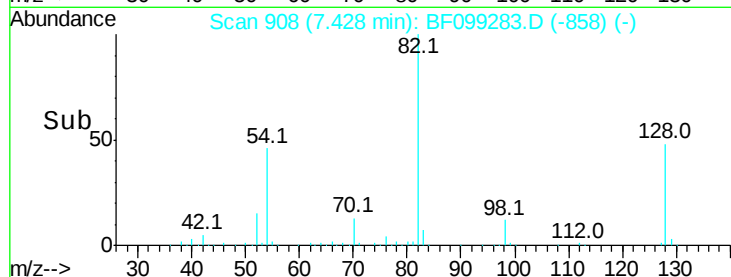
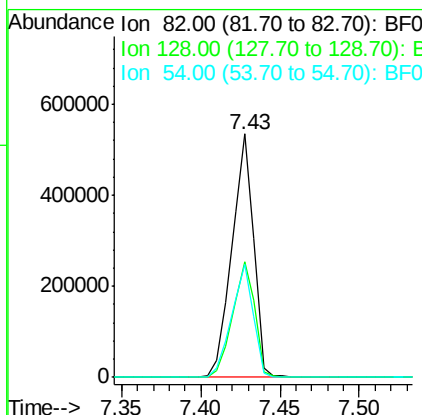
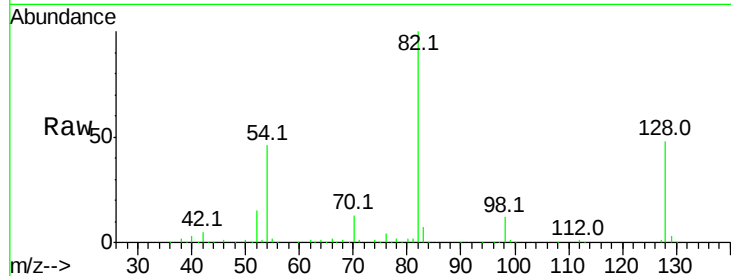




#23
 Nitrobenzene-d5
 Concen: 76.084 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

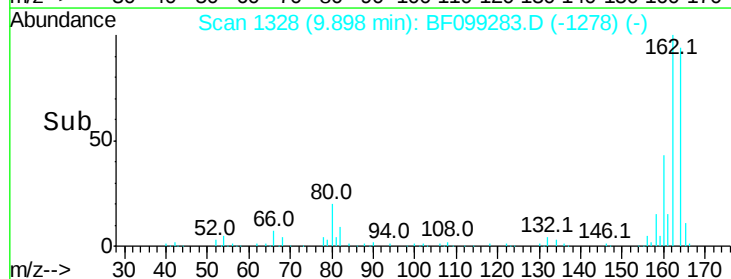
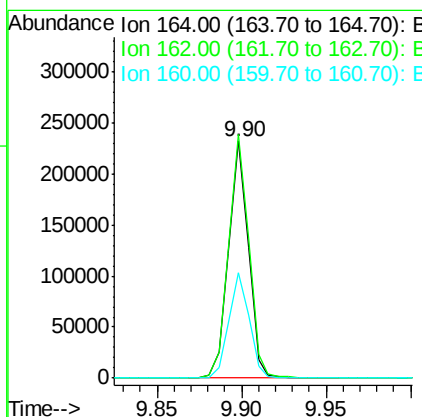
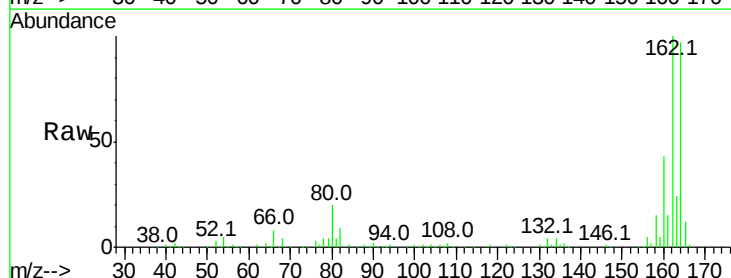
Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(10-15)

Tot Ion	82	Resp	508317
Ion Ratio	Lower	Upper	
82	100		
128	47.7	36.1	54.1
54	46.3	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: BF099283.D
 Acq: 10 Oct 2017 1:00

Tgt Ion	164	Resp	188749
Ion Ratio	Lower	Upper	
164	100		
162	102.7	86.1	129.1
160	44.2	38.3	57.5

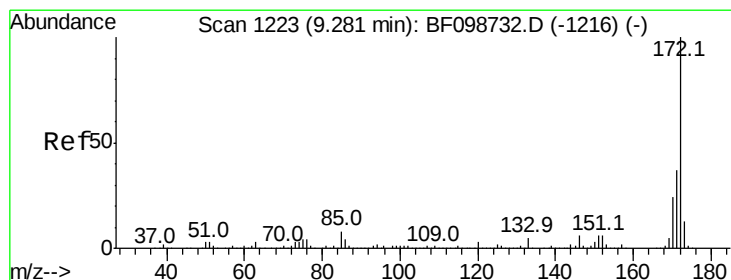
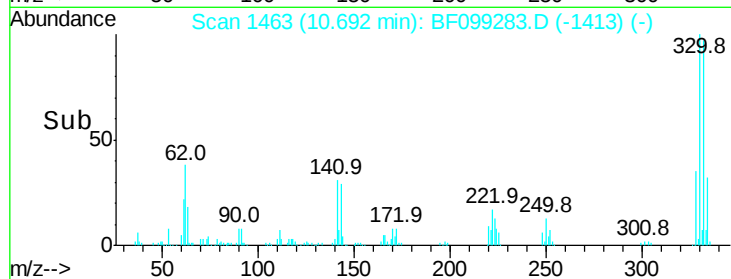
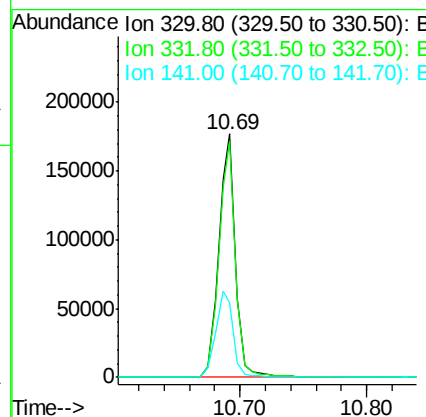
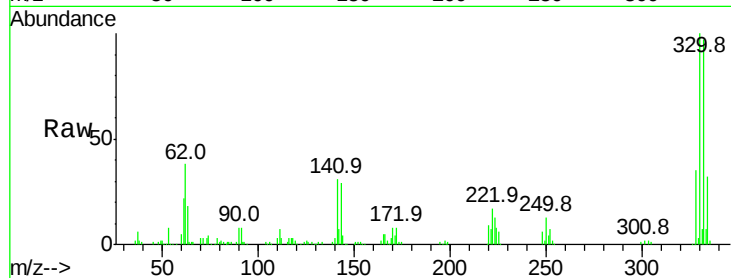




#41
 2,4,6-Tribromophenol
 Concen: 106.325 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

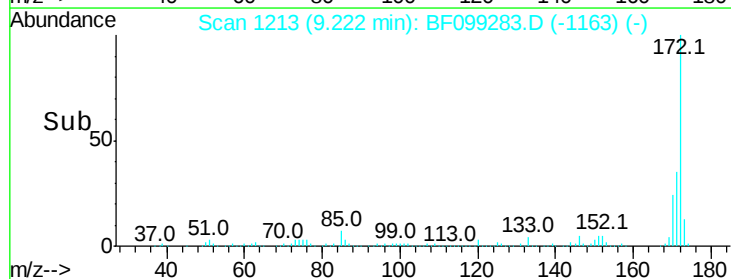
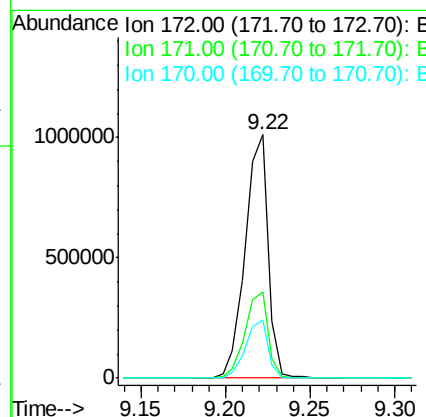
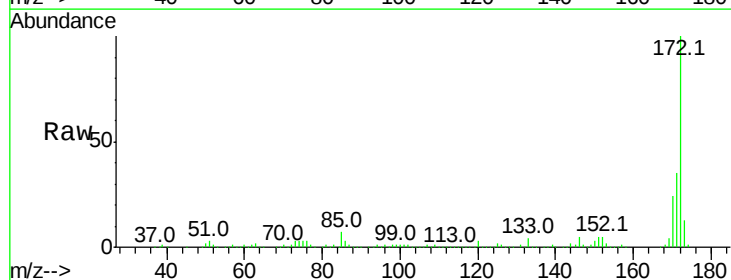
Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(10-15)

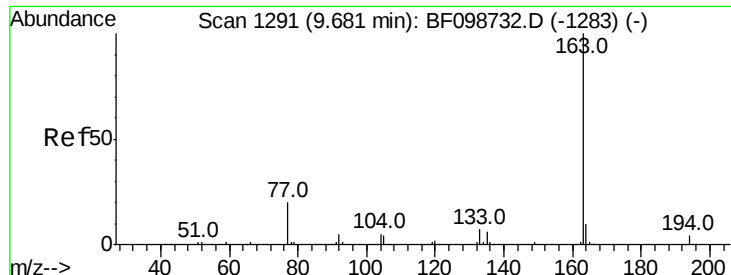
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	37.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.174 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 10.058 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099283.D

Acq: 10 Oct 2017 1:00

Instrument :

BNA_F

ClientSampleId :

ENV-116-1(10-15)

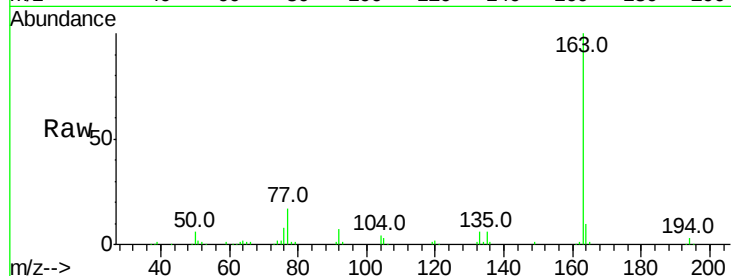
Tot Ion:163 Resp: 143282

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

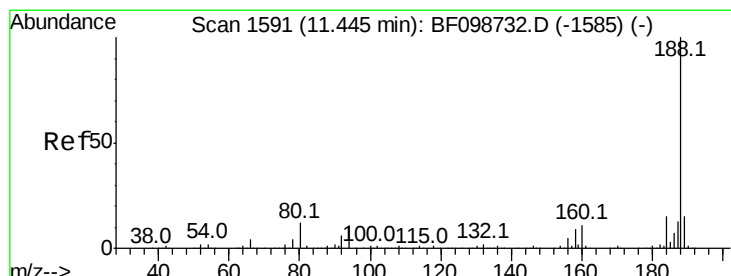
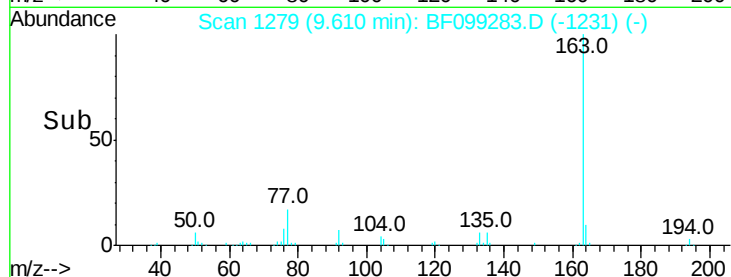
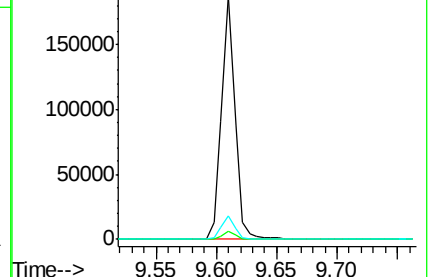
164 9.7 8.2 12.2



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: BF099283.D

Acq: 10 Oct 2017 1:00

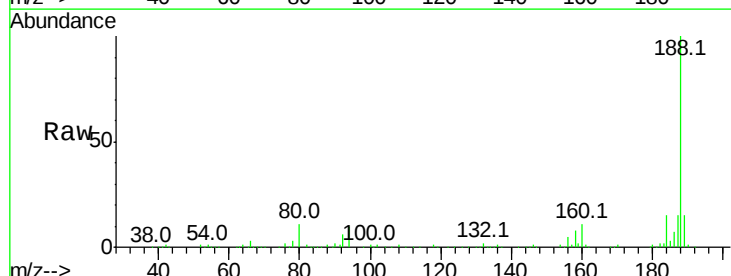
Tgt Ion:188 Resp: 297271

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

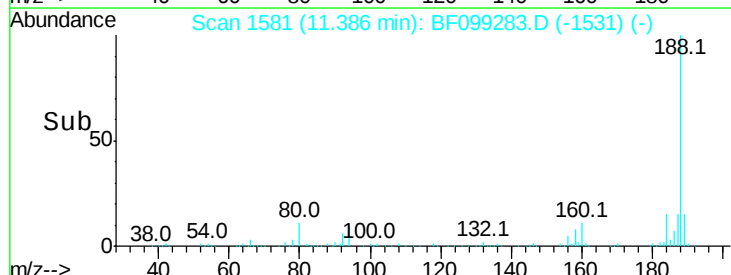
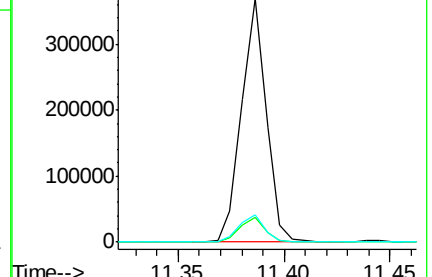
80 11.1 9.2 13.8

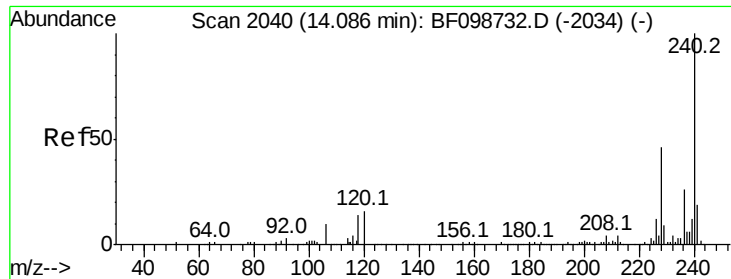


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

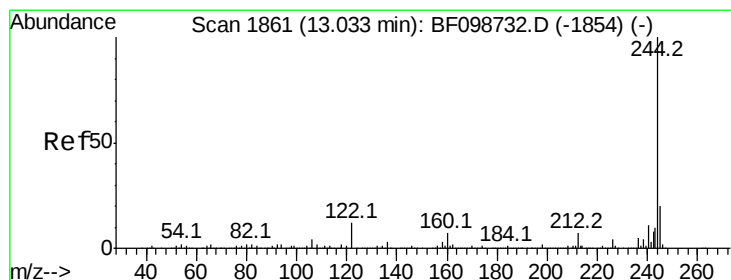
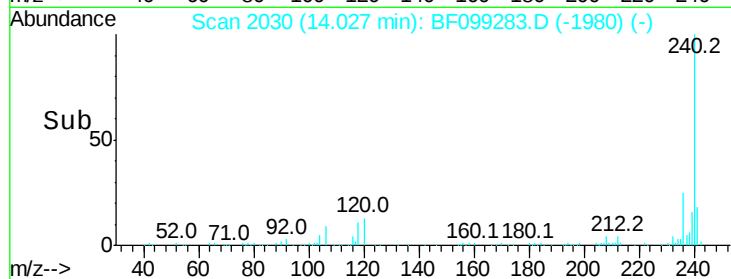
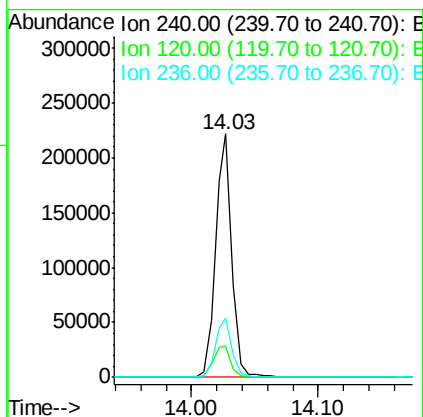
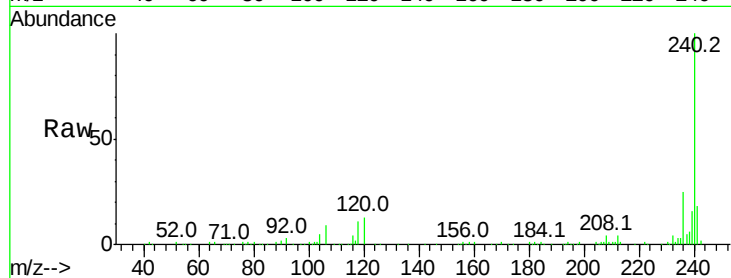




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

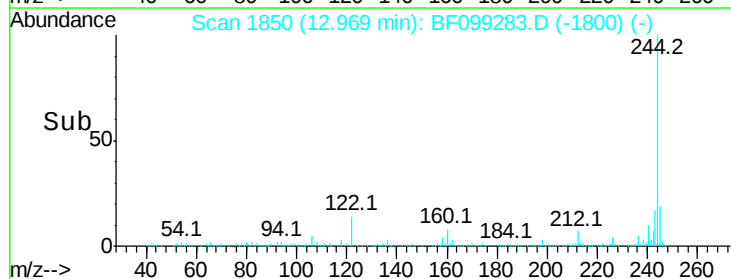
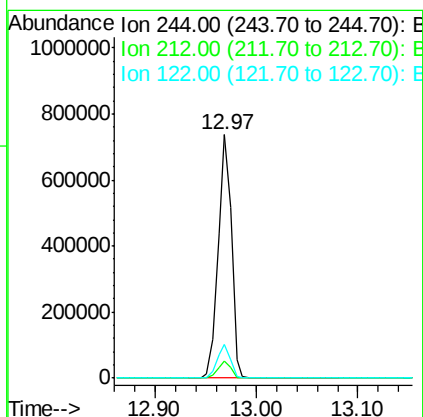
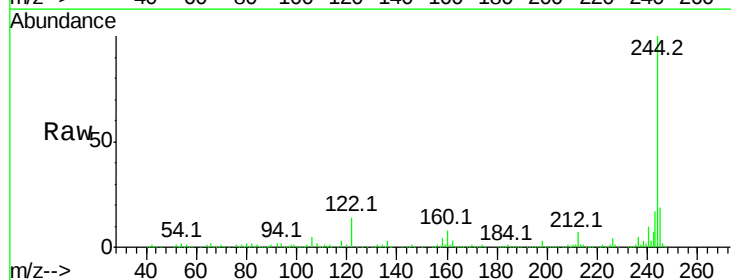
Instrument :
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 ENV-116-1(10-15)

Tot Ion:240 Resp: 198923
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 24.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 76.491 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Tgt Ion:244 Resp: 669063
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.0 11.0 16.4

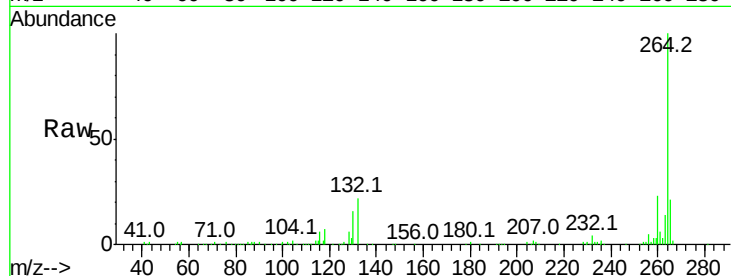




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(10-15)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.4	19.2	28.8	
265	21.5	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

