

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099268.D
 Acq On : 9 Oct 2017 17:56
 Operator : SJ/JU
 Sample : I5651-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-7(0-5)

Manual Integrations
 APPROVED

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 10/10/2017 5:00:28 PM

Quant Time: Oct 10 01:36:31 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	118290	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	496872	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	227059	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	400302	20.00	ng	0.00
75) Chrysene-d12	14.03	240	246336	20.00	ng	0.00
86) Perylene-d12	15.50	264	213839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	748939	100.79	ng	0.01
7) Phenol-d6	6.50	99	926480	101.07	ng	0.00
23) Nitrobenzene-d5	7.43	82	552732	71.34	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	204384	110.00	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1006874	74.03	ng	0.00
78) Terphenyl-d14	12.97	244	811373	74.91	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	215560	12.579	ng	Qvalue 100

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

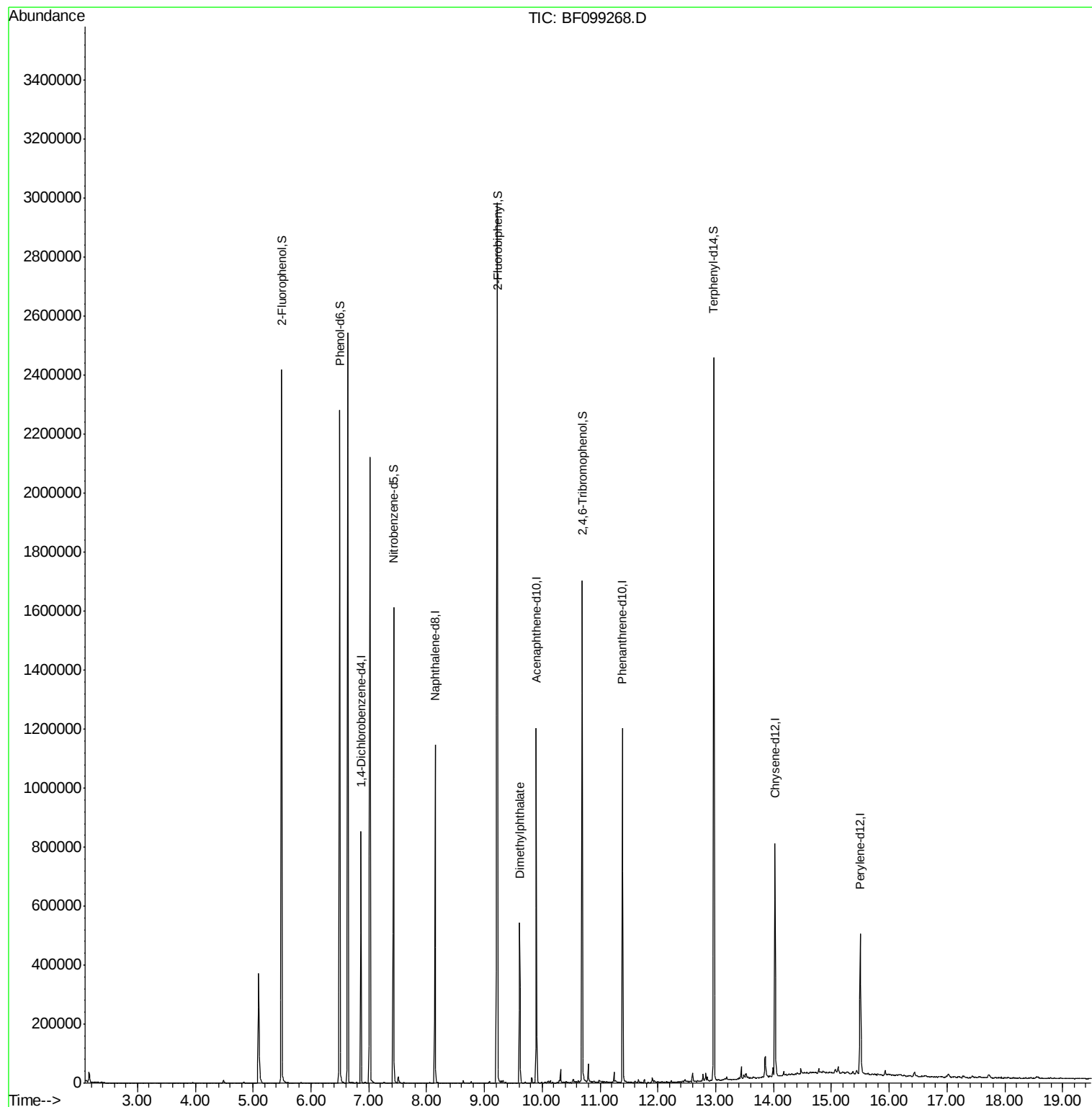
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099268.D
Acq On : 9 Oct 2017 17:56
Operator : SJ/JU
Sample : I5651-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

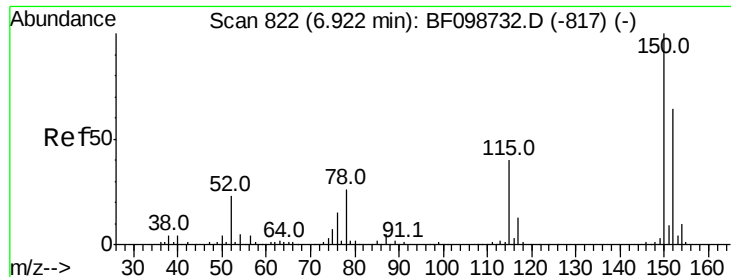
Instrument :
BNA_F
ClientSampled :
ENV-116-7(0-5)

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Quant Time: Oct 10 01:36:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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#1

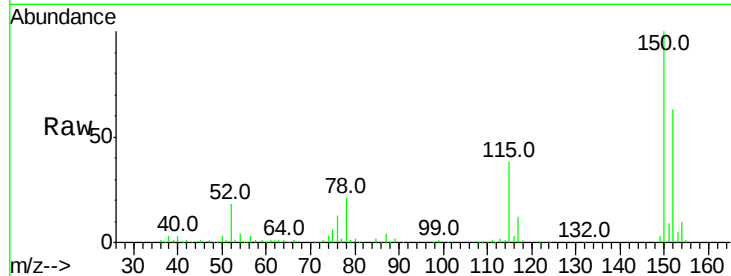
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099268.D
Acq: 9 Oct 2017 17:56

Instrument :
BNA_F
ClientSampleId :
ENV-116-7(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	59.5	50.1	75.1

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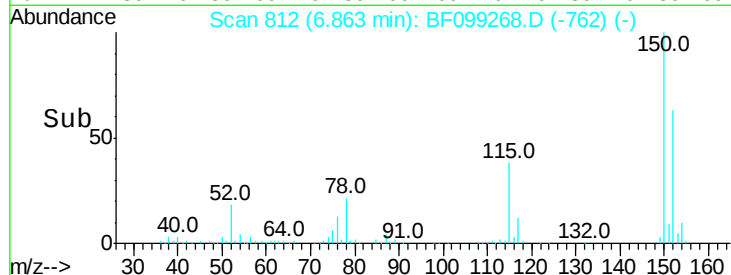
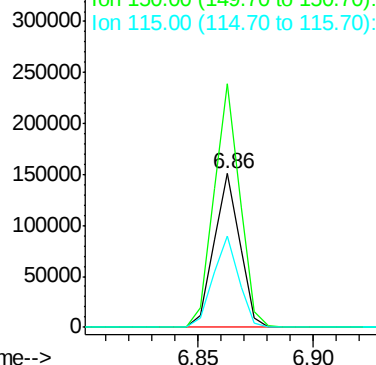


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

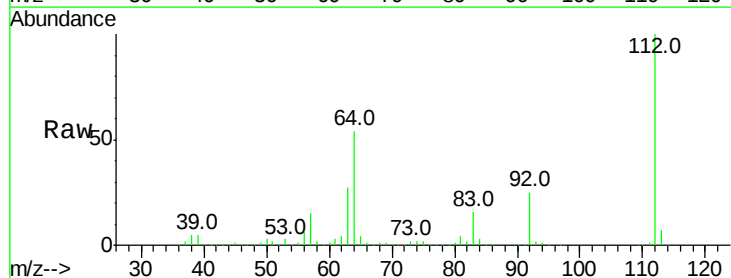
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.789 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099268.D
Acq: 9 Oct 2017 17:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	26.6	23.7	35.5

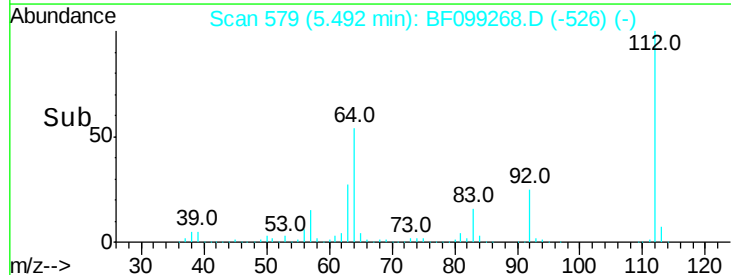
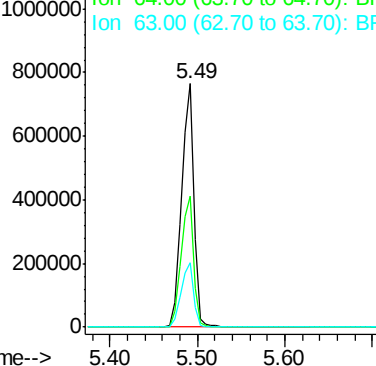


Abundance

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: 101.071 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099268.D

Acq: 9 Oct 2017 17:56

Instrument :

BNA_F

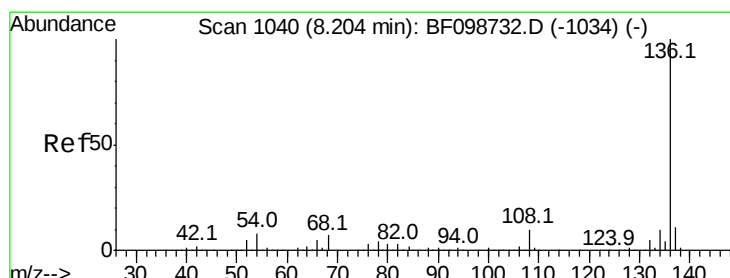
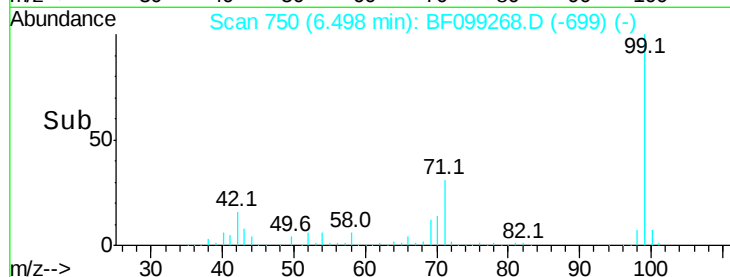
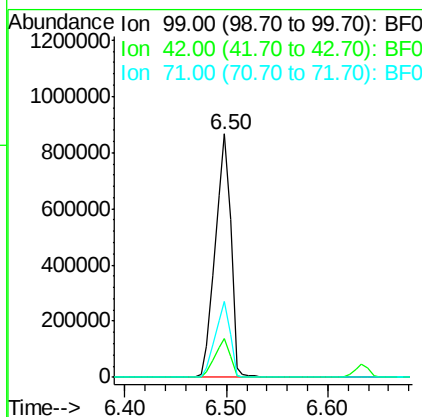
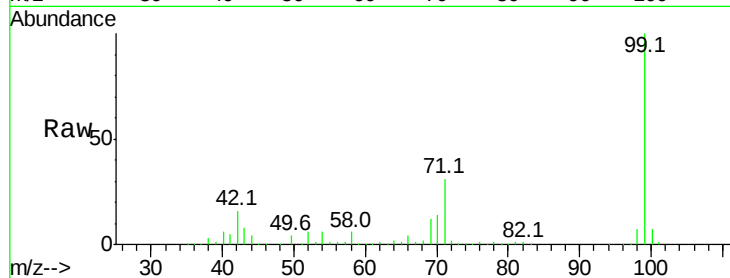
ClientSampleId :

ENV-116-7(0-5)

Tot Ion:	99	Resp:	926480
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	31.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

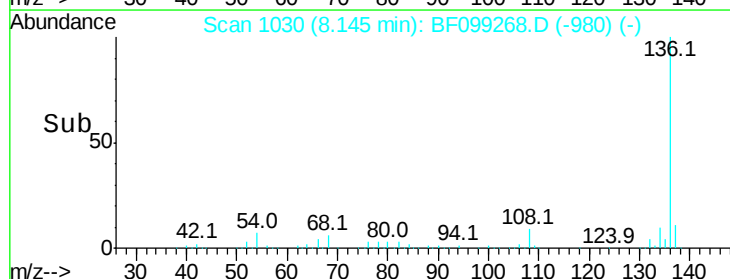
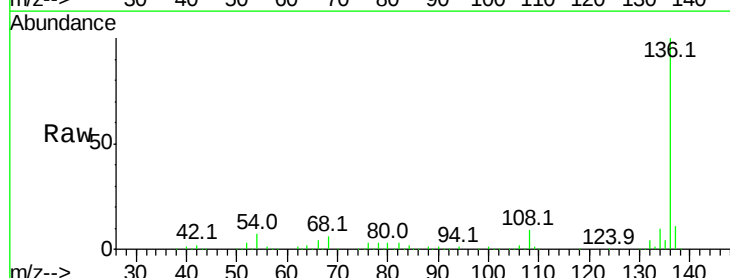
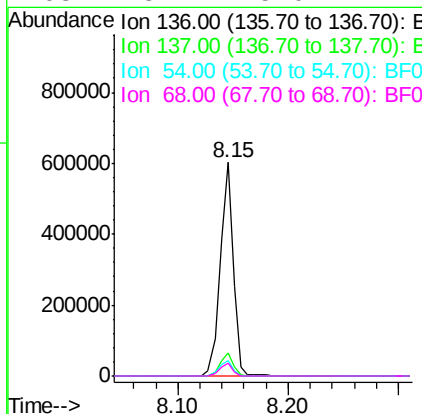
RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099268.D

Acq: 9 Oct 2017 17:56

Tgt Ion:	136	Resp:	496872
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	5.7	5.0	7.4





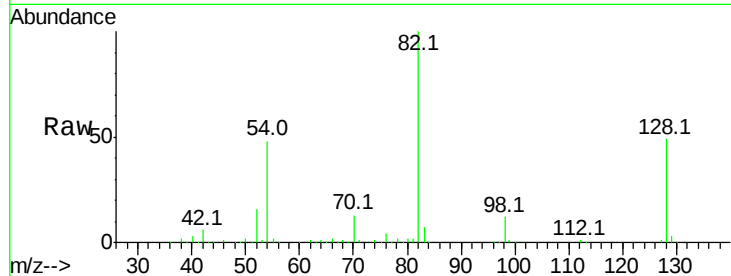
#23
 Nitrobenzene-d5
 Concen: 71.340 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-7(0-5)

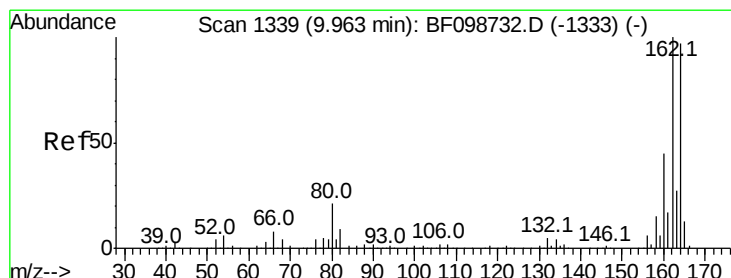
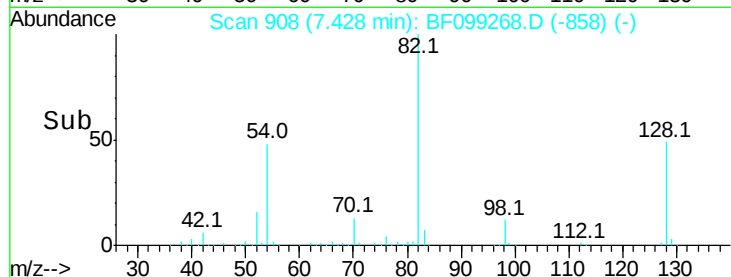
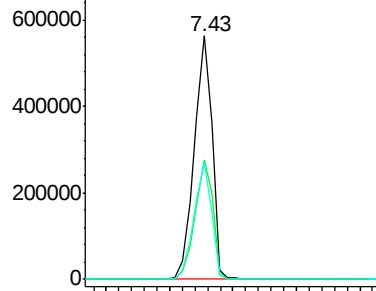
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	47.8	41.4	62.2

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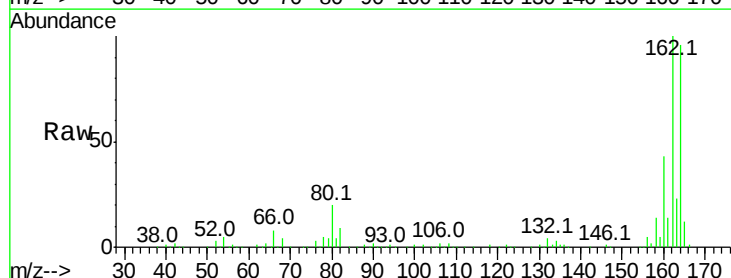


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

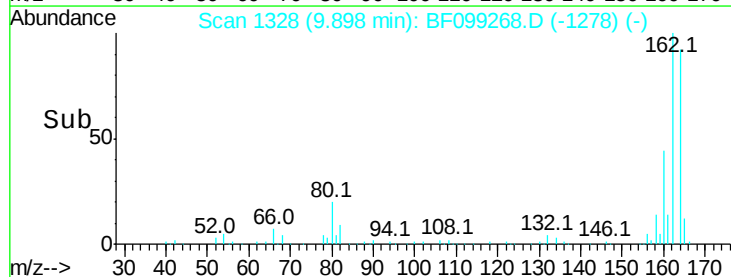
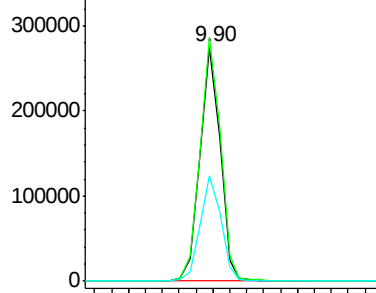


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.3	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





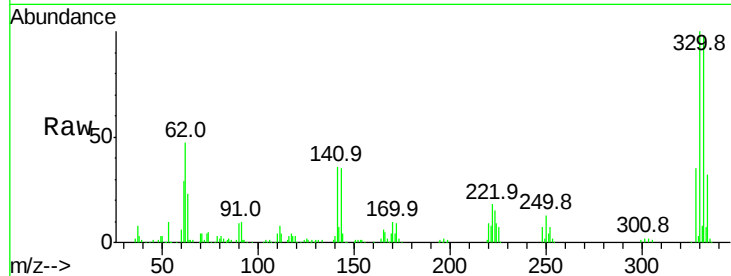
#41
 2,4,6-Tribromophenol
 Concen: 110.005 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-7(0-5)

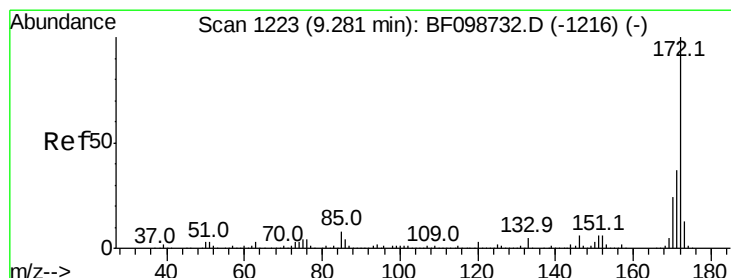
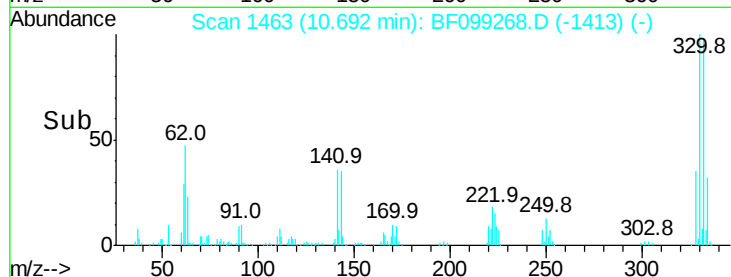
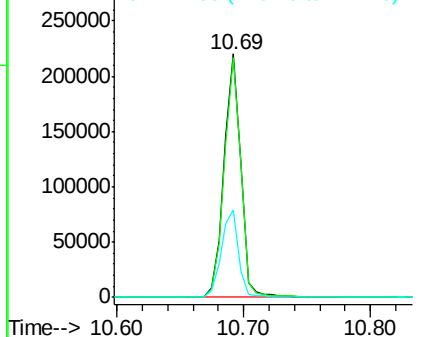
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	37.0	29.9	44.9

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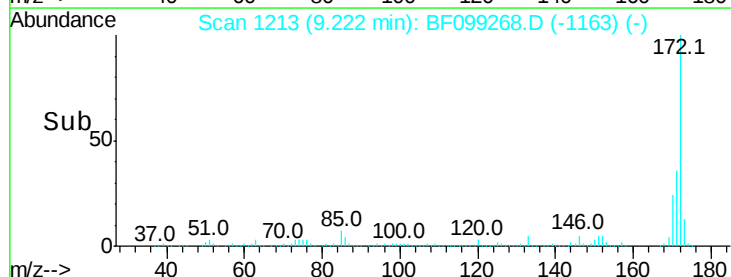
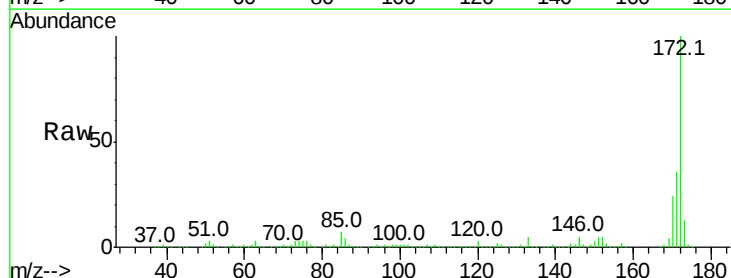
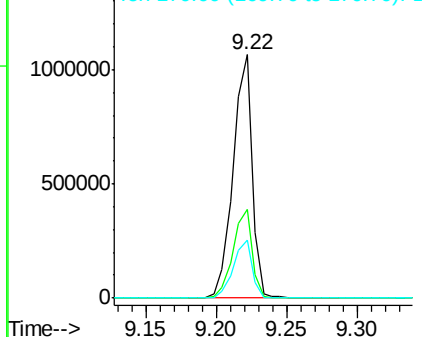
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

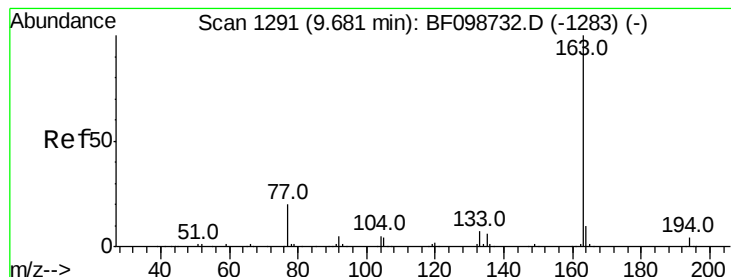


#44
 2-Fluorobiphenyl
 Concen: 74.029 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	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: 12.579 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099268.D

Acq: 9 Oct 2017 17:56

Instrument :

BNA_F

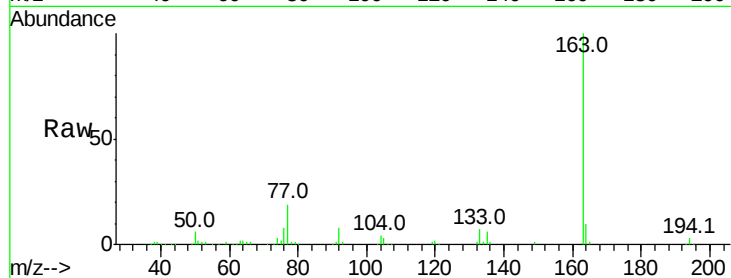
ClientSampleId :

ENV-116-7(0-5)

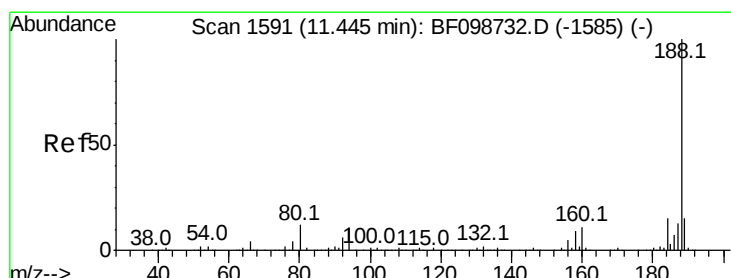
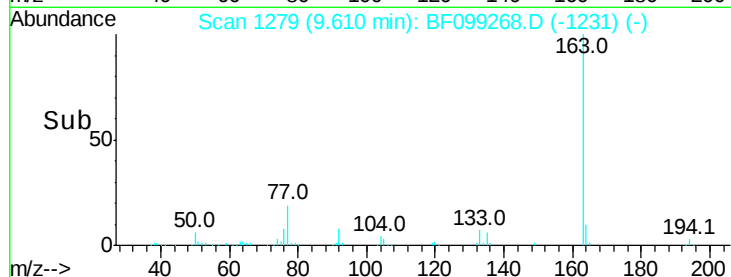
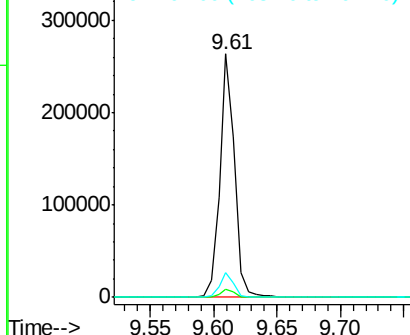
Tot Ion:	163	Resp:	215560
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

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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

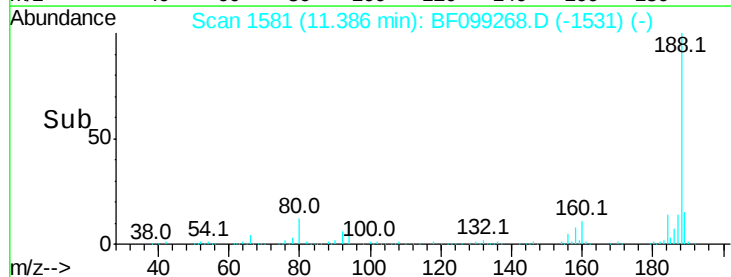
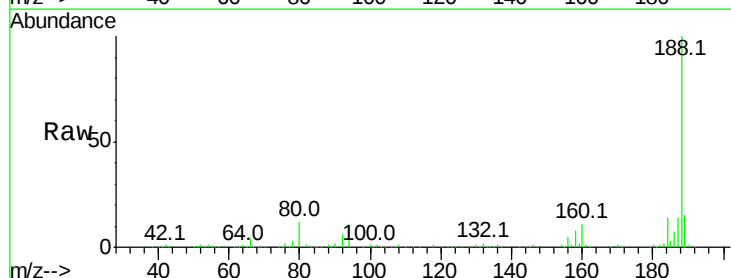
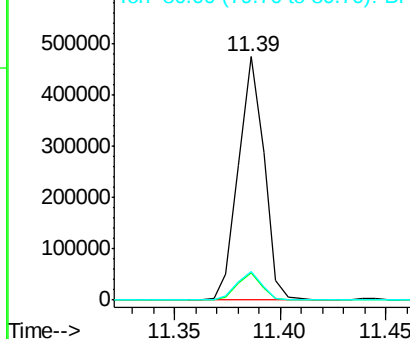
Delta R.T. -0.01 min

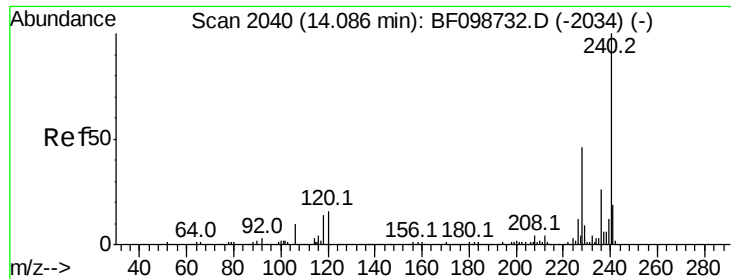
Lab File: BF099268.D

Acq: 9 Oct 2017 17:56

Tgt Ion:	188	Resp:	400302
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.5	12.7
80	11.7	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: BF099268.D

Acq: 9 Oct 2017 17:56

Instrument :

BNA_F

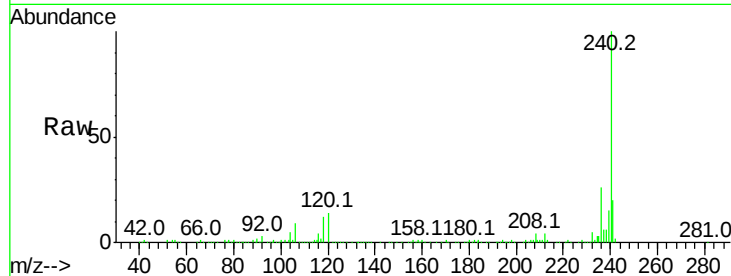
ClientSampleId :

ENV-116-7(0-5)

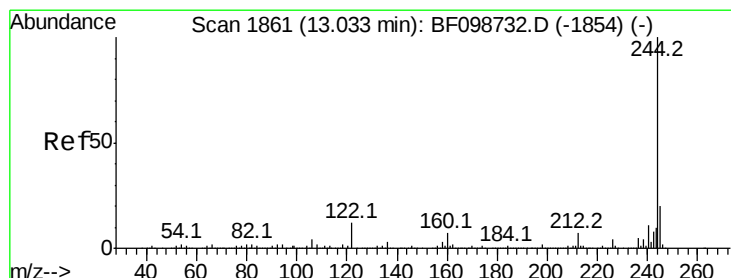
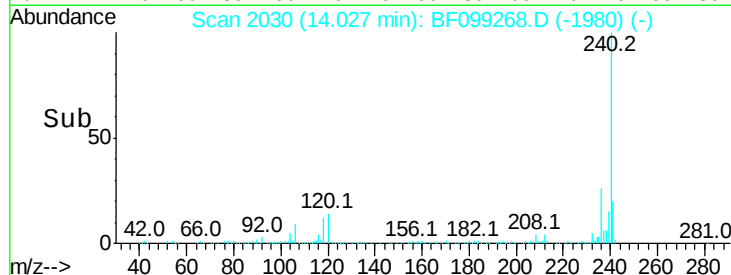
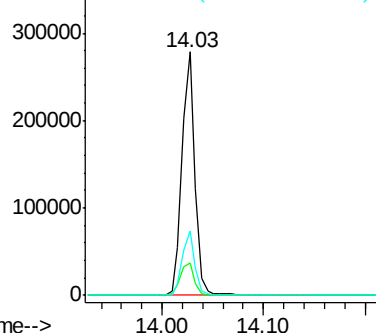
Tot Ion:	240	Resp:	246336
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	26.3	20.7	31.1

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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: 74.907 ng

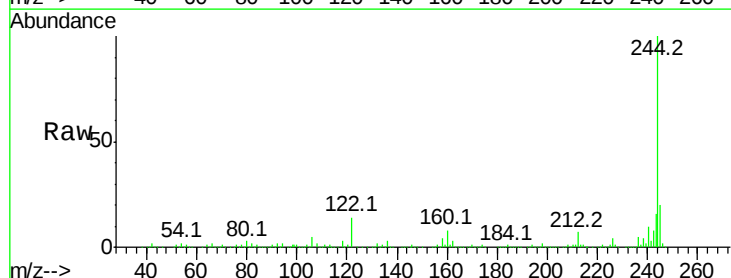
RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

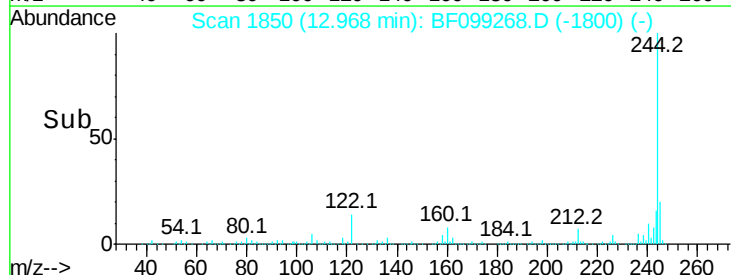
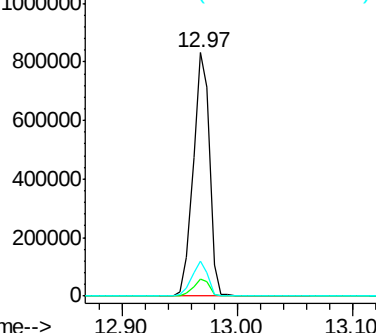
Lab File: BF099268.D

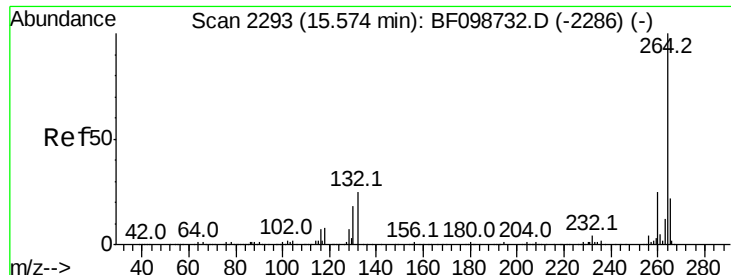
Acq: 9 Oct 2017 17:56

Tgt Ion:	244	Resp:	811373
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	14.3	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: BF099268.D
 Acq: 9 Oct 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-7(0-5)

Tot Ion:	264	Resp:	213839
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3

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