

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099269.D
 Acq On : 9 Oct 2017 18:24
 Operator : SJ/JU
 Sample : I5651-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-7(5-10)

Manual Integrations
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 10/10/2017 5:00:30 PM

Quant Time: Oct 10 01:40:10 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	115314	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	473119	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	219533	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	392313	20.00	ng	0.00
75) Chrysene-d12	14.03	240	245267	20.00	ng	0.00
86) Perylene-d12	15.50	264	211738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	775671	107.08	ng	0.01
7) Phenol-d6	6.50	99	960977	107.54	ng	0.00
23) Nitrobenzene-d5	7.43	82	572230	77.56	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	215792	120.13	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1015299	77.21	ng	0.00
78) Terphenyl-d14	12.97	244	849576	78.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	223686	13.500	ng	Qvalue 99

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

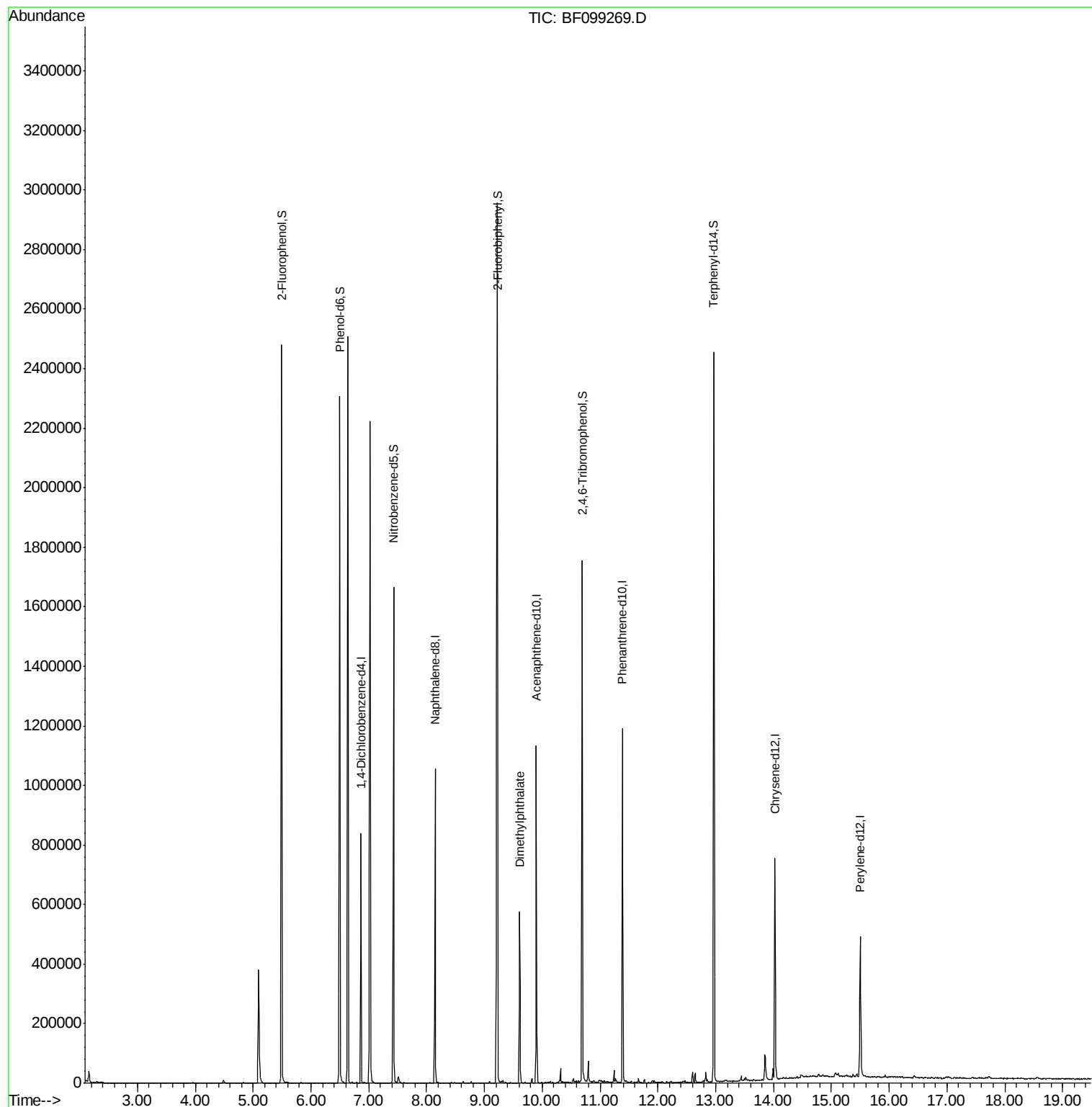
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099269.D
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Sample : I5651-12
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ALS Vial : 12 Sample Multiplier: 1

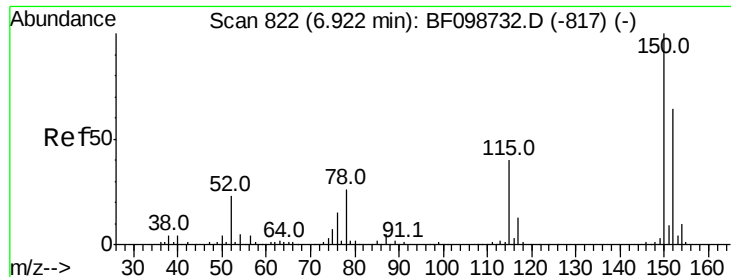
Instrument :
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ENV-116-7(5-10)

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#1

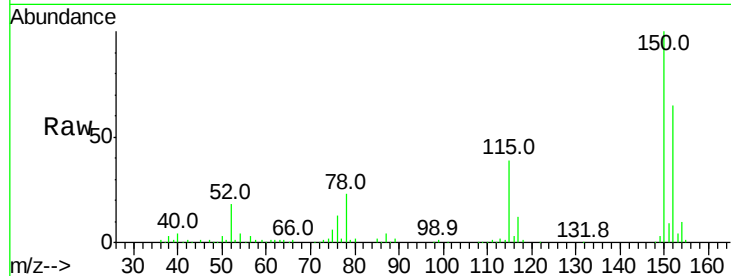
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099269.D
Acq: 9 Oct 2017 18:24

Instrument :
BNA_F
ClientSampleId :
ENV-116-7(5-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	59.7	50.1	75.1

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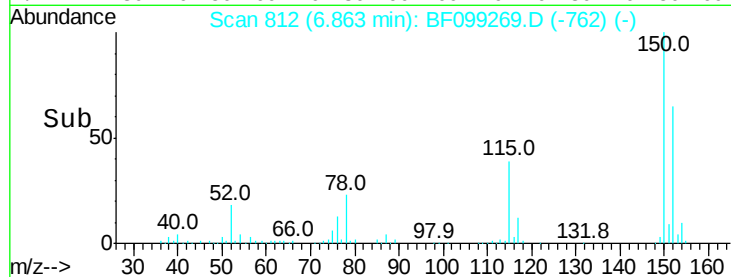
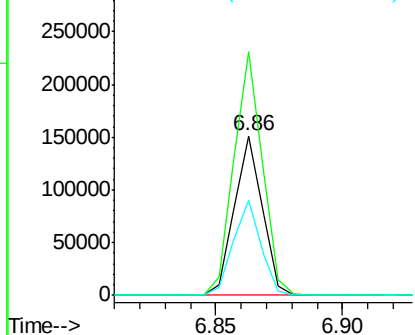


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

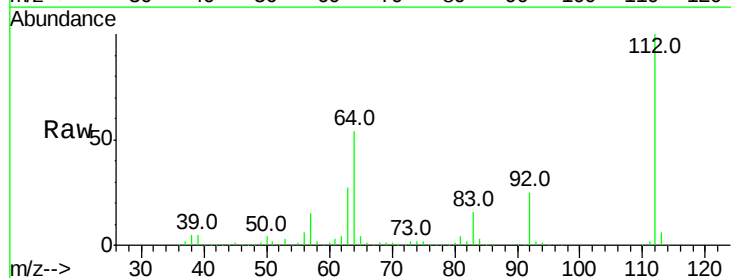
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.081 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099269.D
Acq: 9 Oct 2017 18:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.7	23.7	35.5

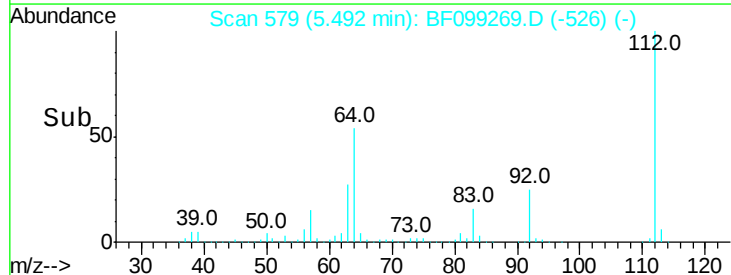
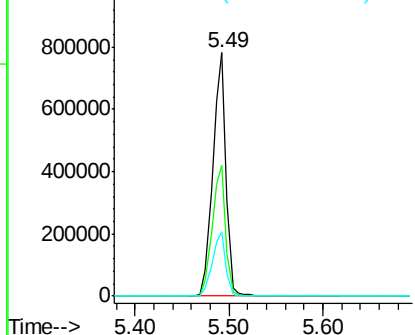


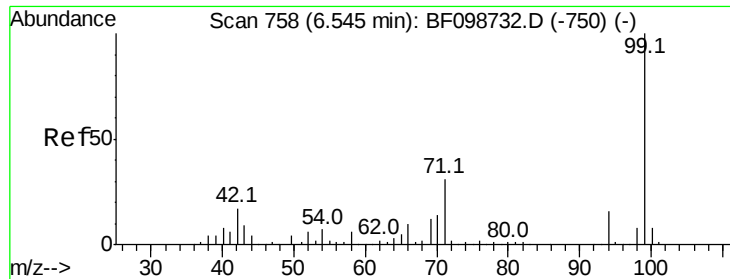
Abundance

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: 107.539 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099269.D

Acq: 9 Oct 2017 18:24

Instrument :

BNA_F

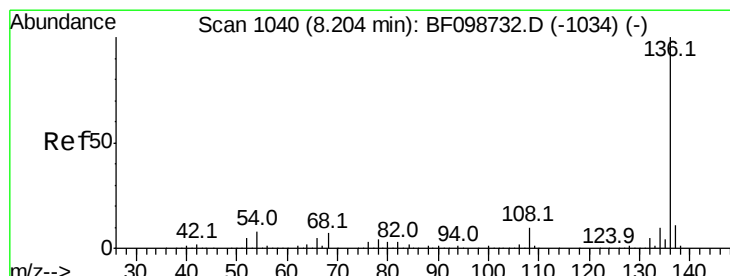
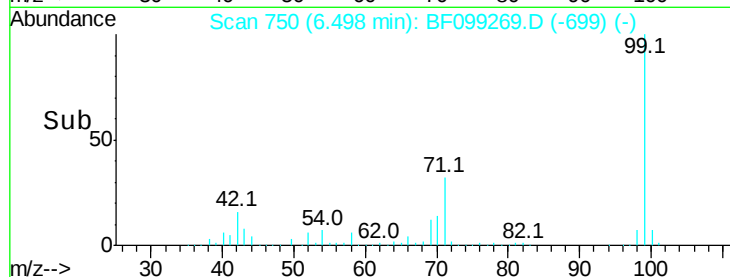
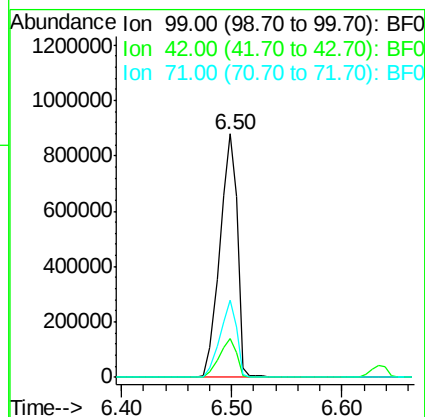
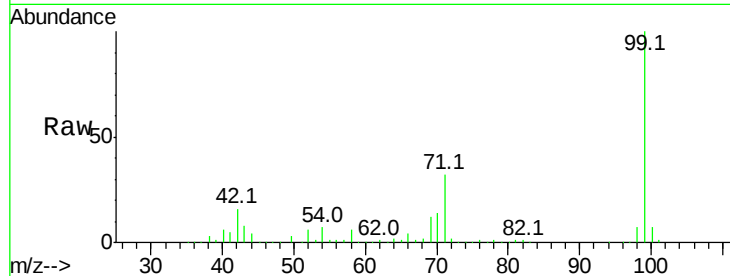
ClientSampled :

ENV-116-7(5-10)

Tot Ion:	99	Resp:	960977
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	31.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

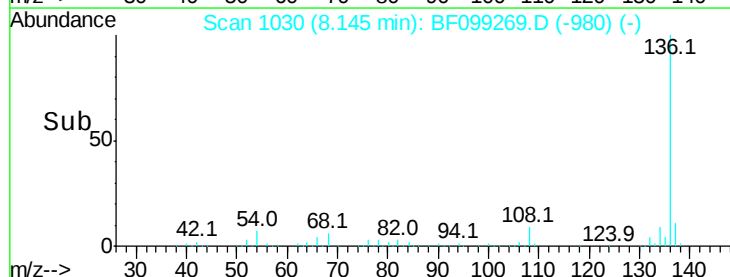
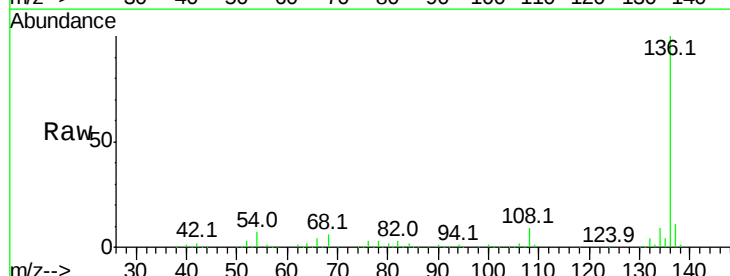
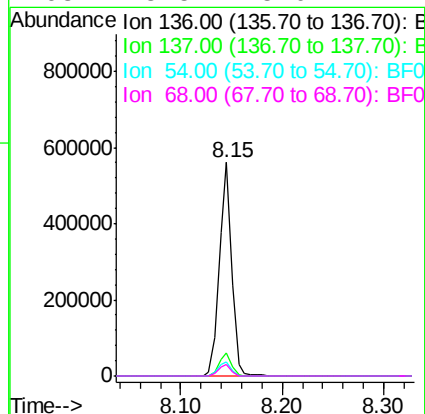
RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099269.D

Acq: 9 Oct 2017 18:24

Tgt Ion:	136	Resp:	473119
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	5.5	5.0	7.4





#23

Nitrobenzene-d5

Concen: 77.564 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF099269.D

Acq: 9 Oct 2017 18:24

Instrument :

BNA_F

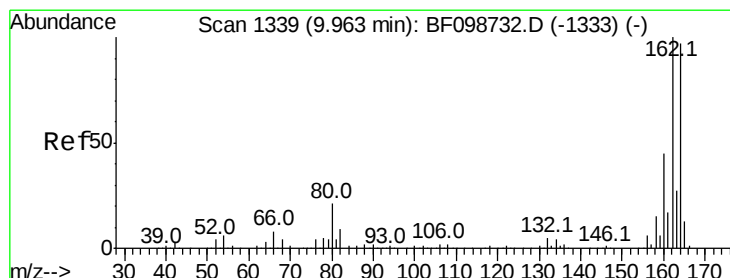
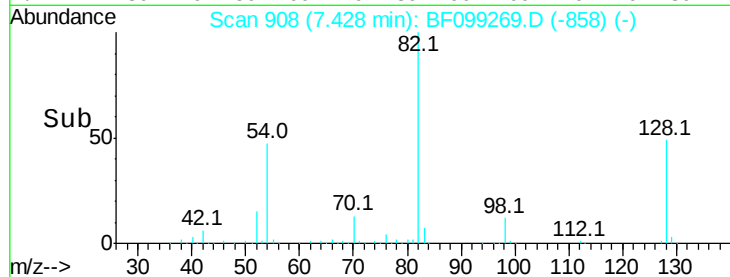
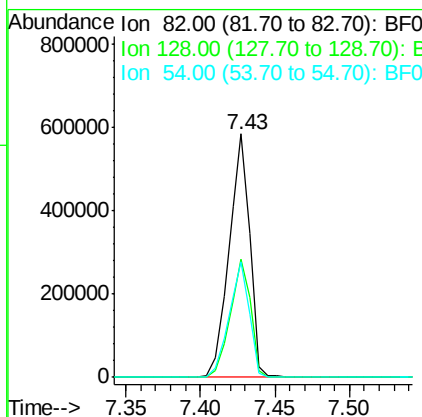
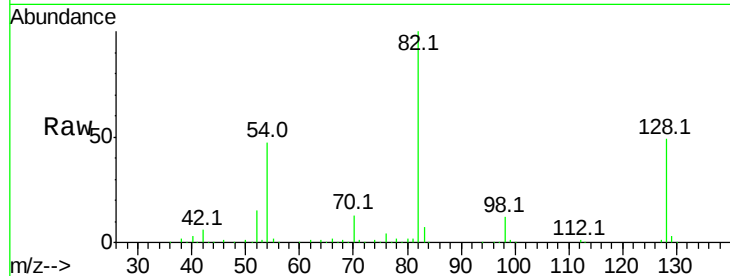
ClientSampleId :

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Tot Ion:	82	Resp:	572230
Ion Ratio	Lower	Upper	
82	100		
128	48.7	36.1	54.1
54	47.3	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

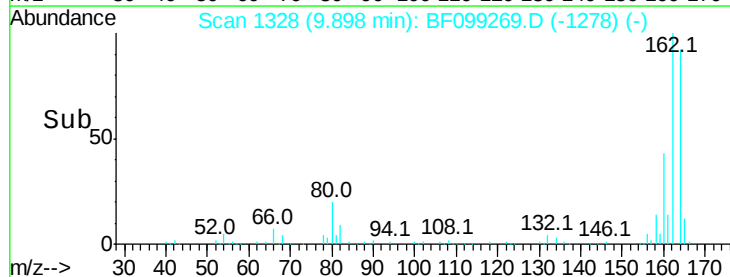
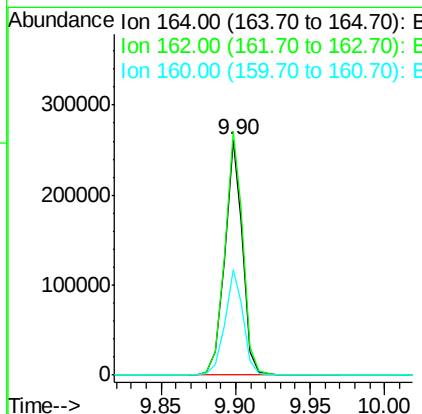
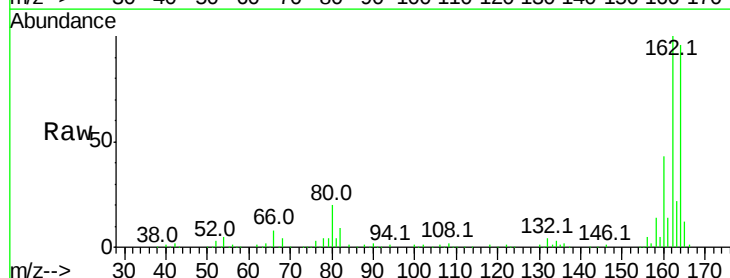
RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099269.D

Acq: 9 Oct 2017 18:24

Tgt Ion:	164	Resp:	219533
Ion Ratio	Lower	Upper	
164	100		
162	103.6	86.1	129.1
160	45.1	38.3	57.5





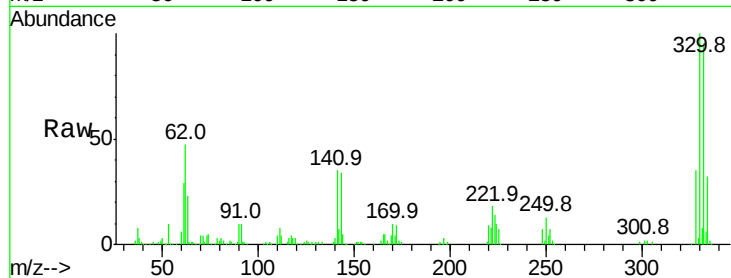
#41
 2,4,6-Tribromophenol
 Concen: 120.126 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-7(5-10)

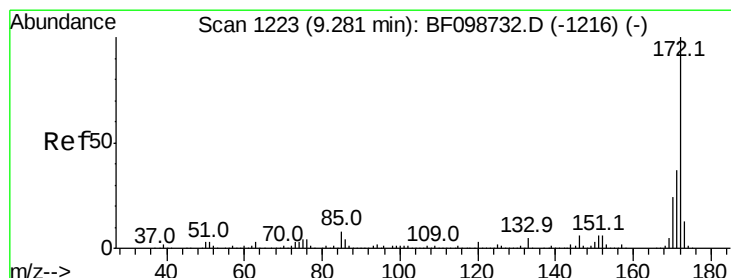
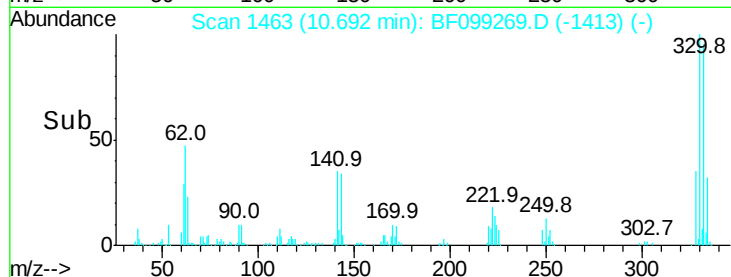
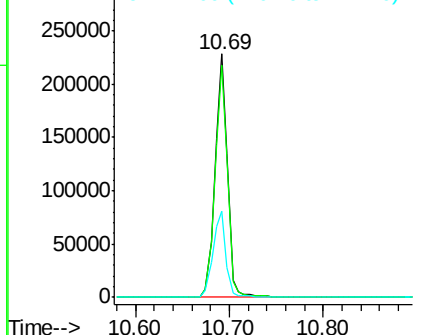
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	36.8	29.9	44.9

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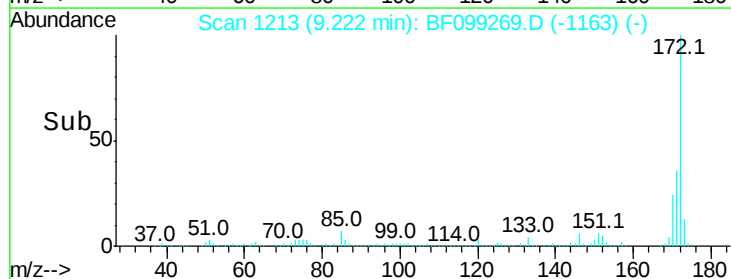
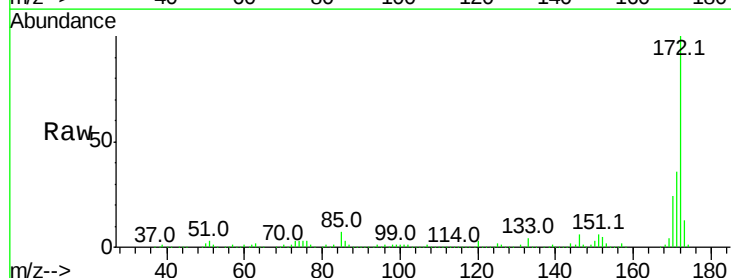
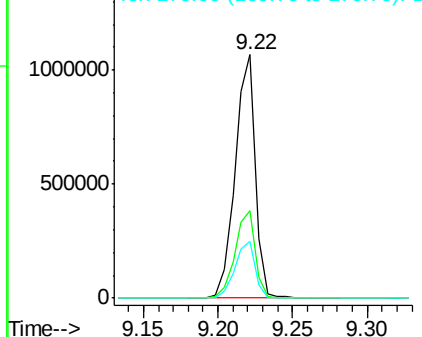
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

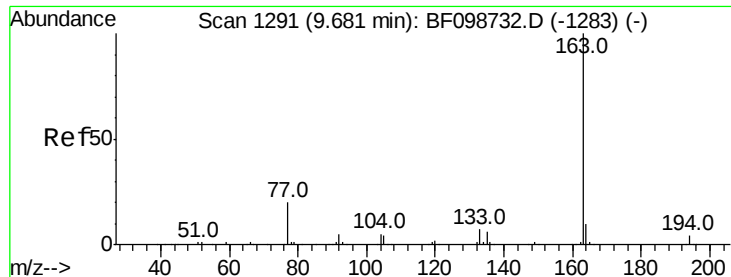


#44
 2-Fluorobiphenyl
 Concen: 77.207 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	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





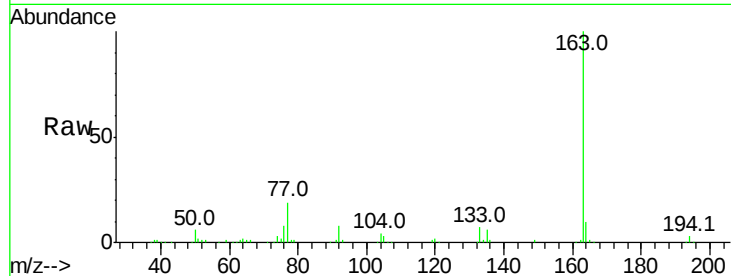
#49
Dimethylphthalate
Concen: 13.500 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099269.D
Acq: 9 Oct 2017 18:24

Instrument :
BNA_F
ClientSampleId :
ENV-116-7(5-10)

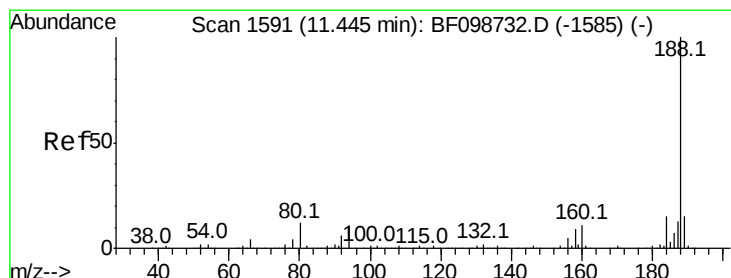
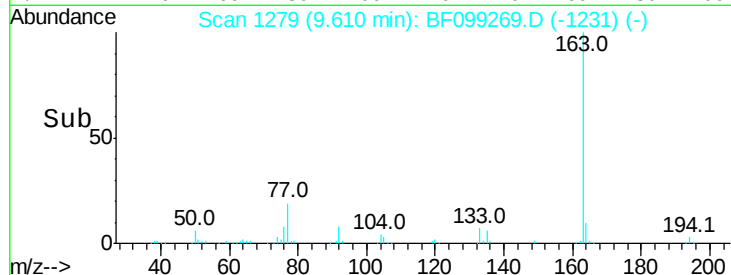
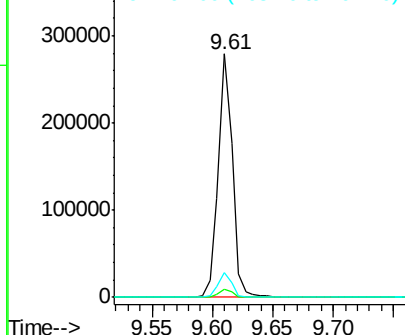
Tot Ion	Ratio	Resp	Lower	Upper
163	100	223686		
194	3.2		2.7	4.1
164	10.0		8.2	12.2

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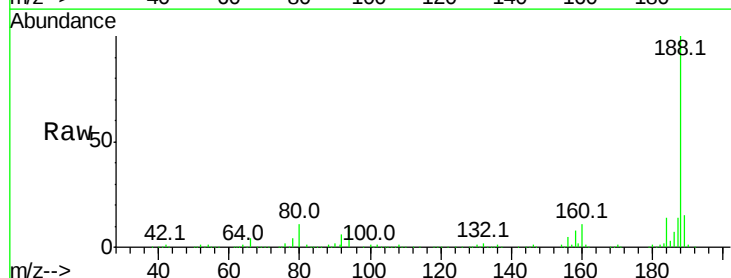


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

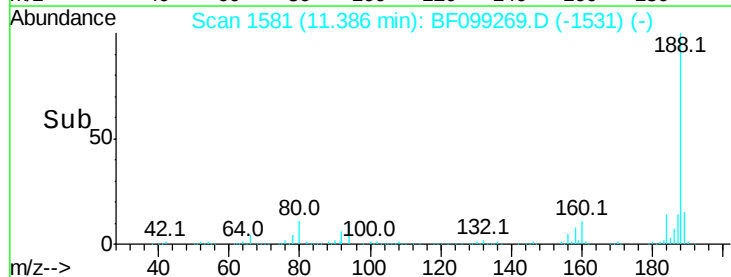
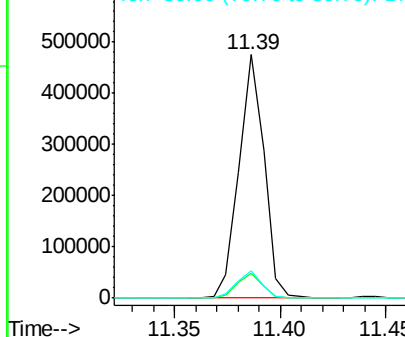


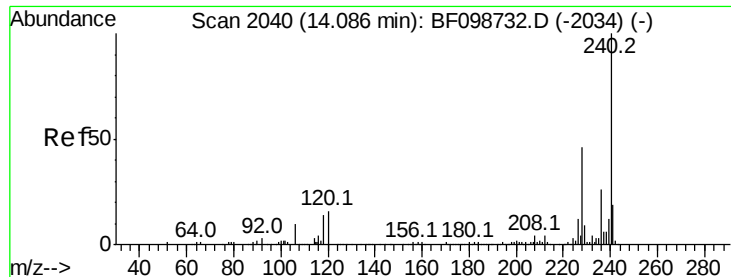
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099269.D
Acq: 9 Oct 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	392313		
94	10.4		8.5	12.7
80	11.2		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: BF099269.D

Acq: 9 Oct 2017 18:24

Instrument :

BNA_F

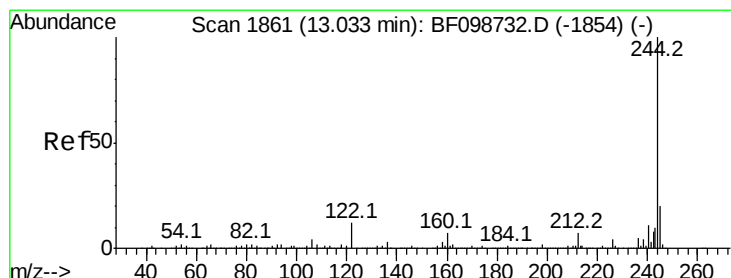
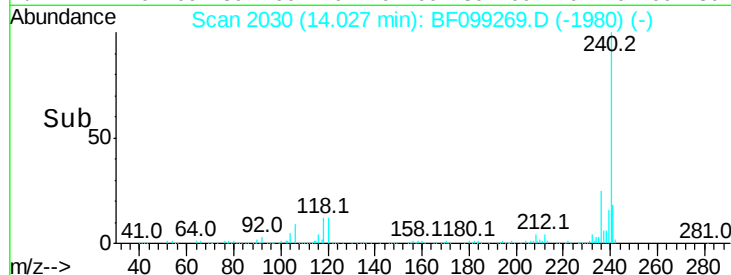
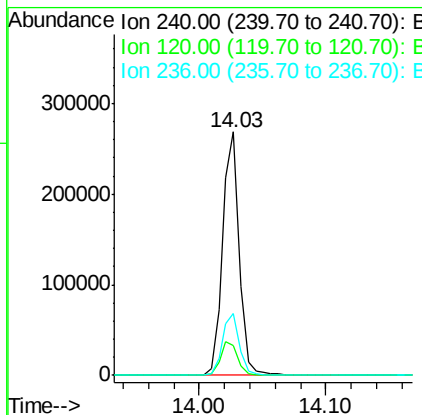
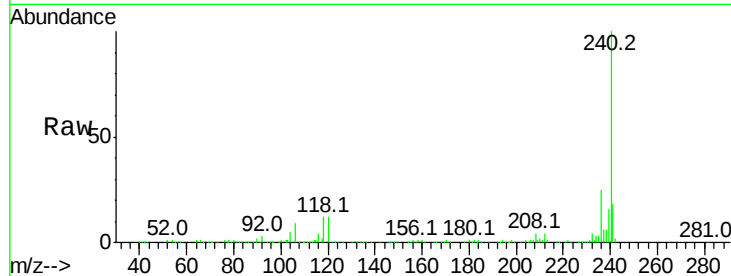
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.4	20.7	31.1

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#78

Terphenyl-d14

Concen: 78.776 ng

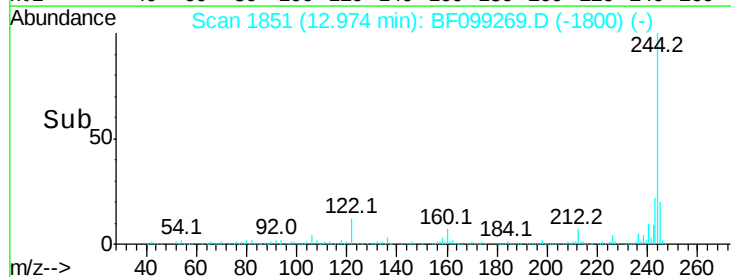
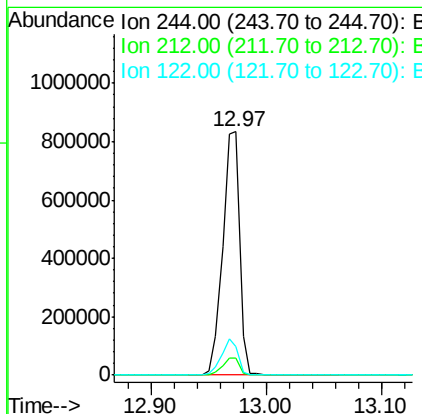
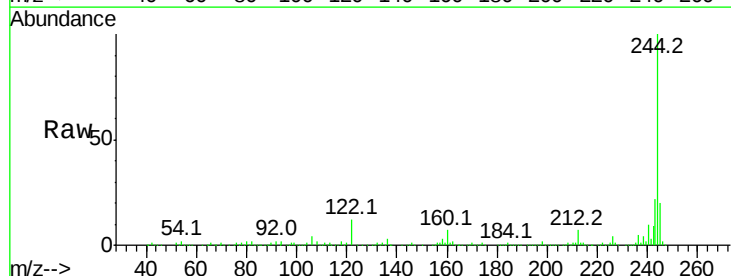
RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099269.D

Acq: 9 Oct 2017 18:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.8	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: BF099269.D
 Acq: 9 Oct 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-7(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3

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