

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099321.D
 Acq On : 11 Oct 2017 1:09
 Operator : SJ/JU
 Sample : I5745-07 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-C

Manual Integrations
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 10/11/2017 7:24:10 PM

Quant Time: Oct 11 02:24:14 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	90006	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	341992	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	127855	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	211441	20.00	ng	0.00
75) Chrysene-d12	14.03	240	204886	20.00	ng	0.00
86) Perylene-d12	15.50	264	141501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	75457	13.35	ng	0.00
7) Phenol-d6	6.49	99	87303	12.52	ng	-0.01
23) Nitrobenzene-d5	7.42	82	47856	8.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	11739	11.22	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	90981	11.88	ng	-0.01
78) Terphenyl-d14	12.97	244	80780	8.97	ng	0.00
Target Compounds						
74) Fluoranthene	12.60	202	23957	2.090	ng	Qvalue 97

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

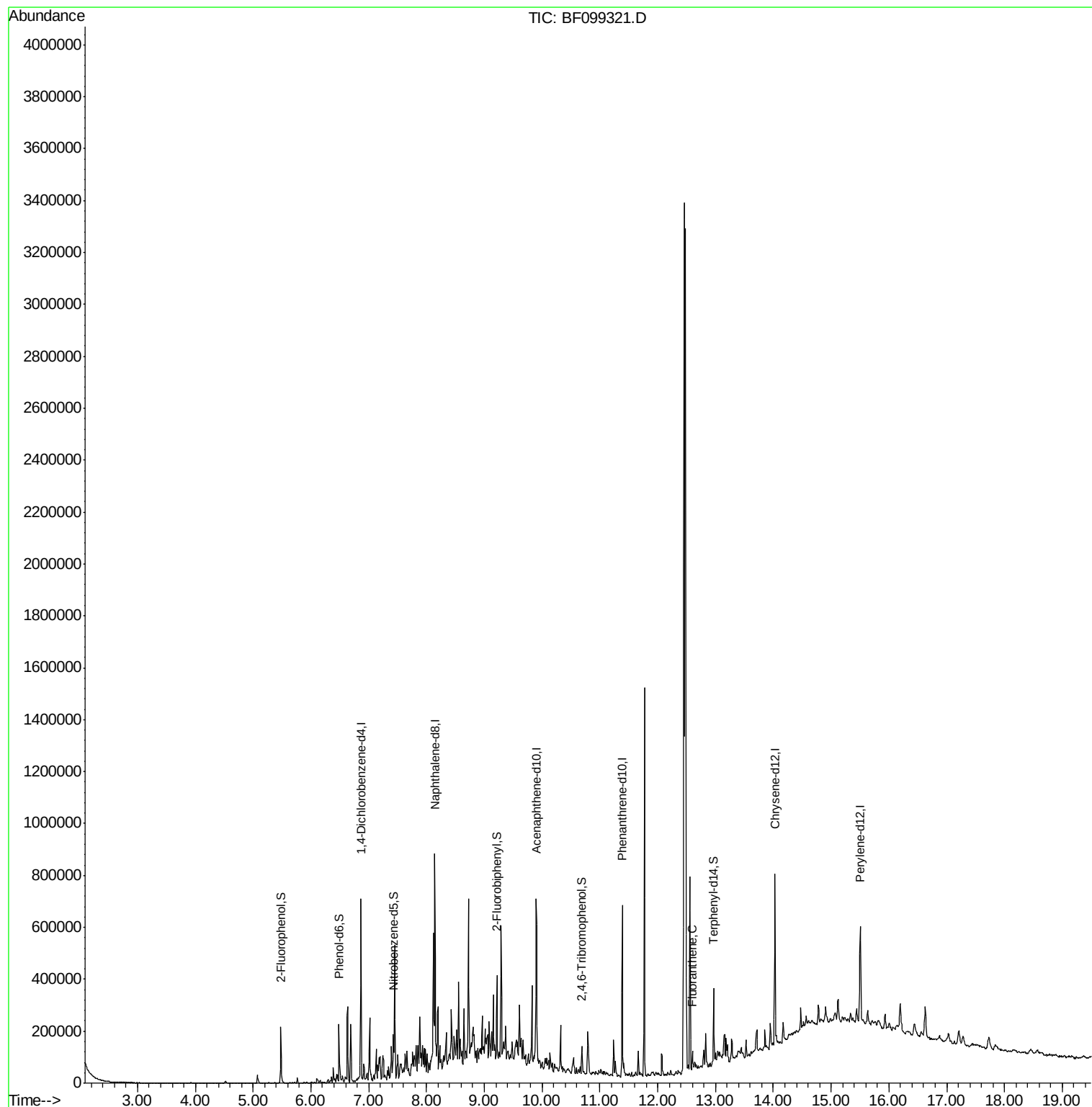
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

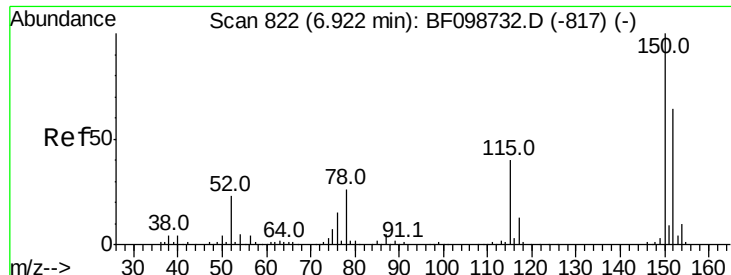
Instrument :
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HR-06-100617-C

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#1

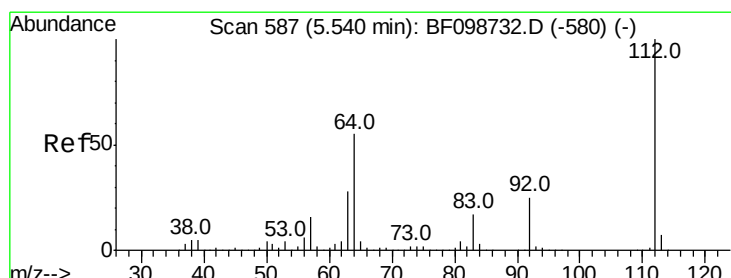
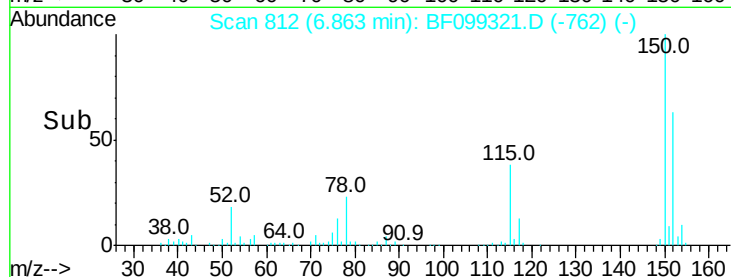
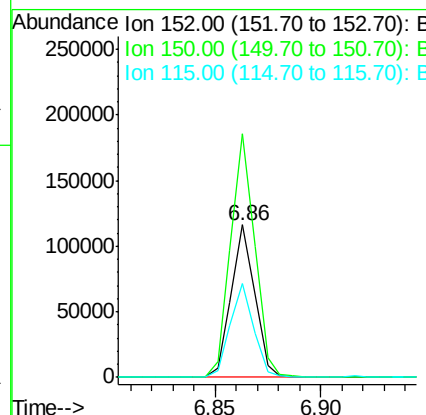
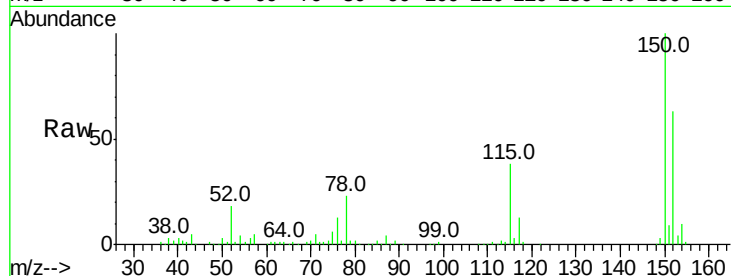
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099321.D
Acq: 11 Oct 2017 1:09

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	61.6	50.1	75.1

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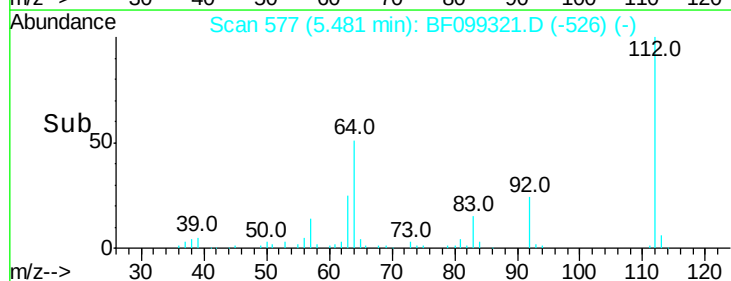
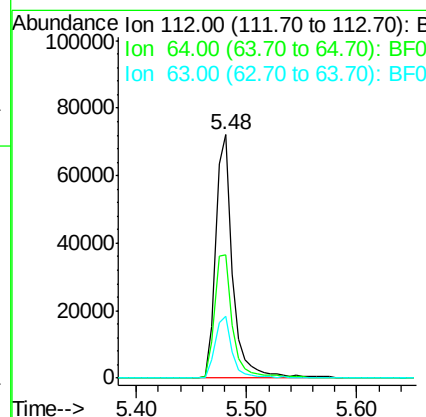
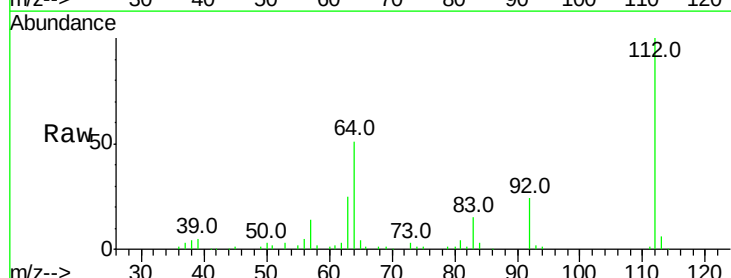
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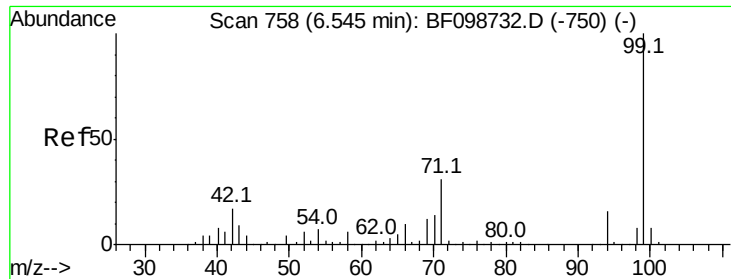


#5

2-Fluorophenol
Concen: 13.346 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099321.D
Acq: 11 Oct 2017 1:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	47.9	71.9
63	25.3	23.7	35.5





#7

Phenol-d6

Concen: 12.517 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099321.D

Acq: 11 Oct 2017 1:09

Instrument :

BNA_F

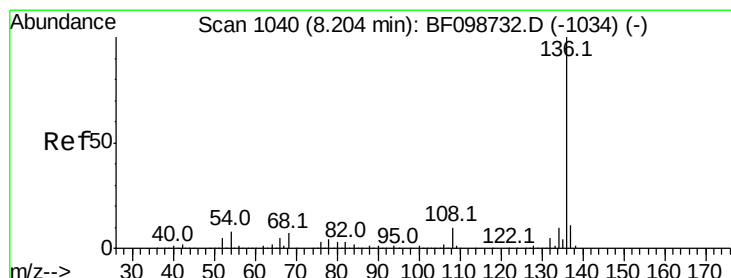
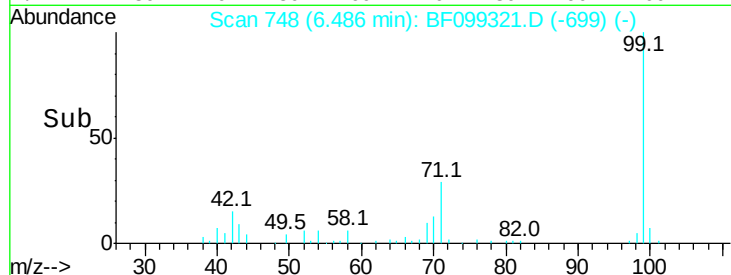
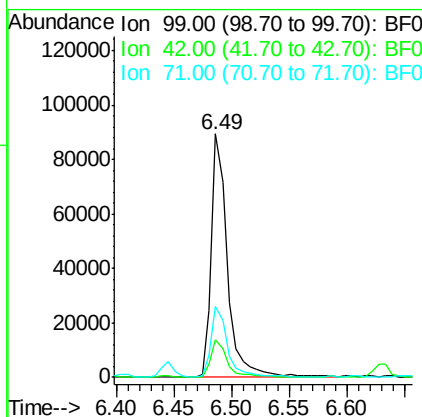
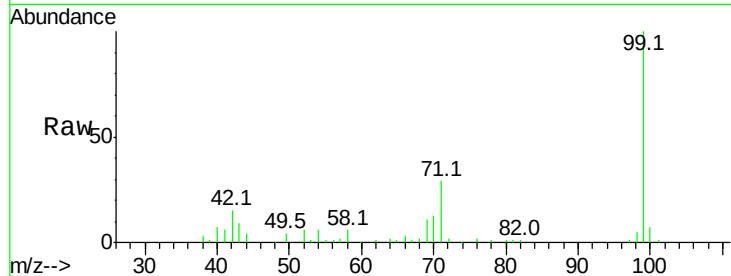
ClientSampleId :

HR-06-100617-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		87303		
42	15.4	14.5	21.7		
71	29.0	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

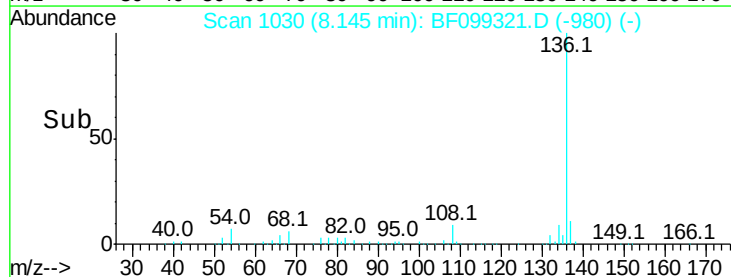
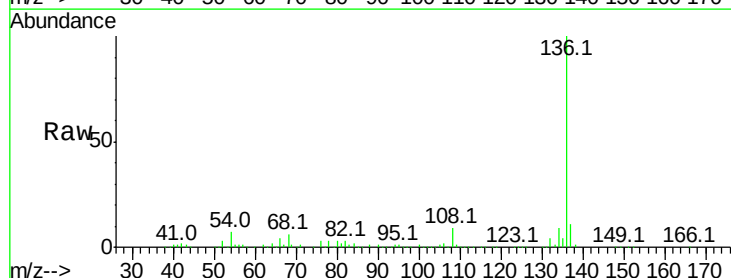
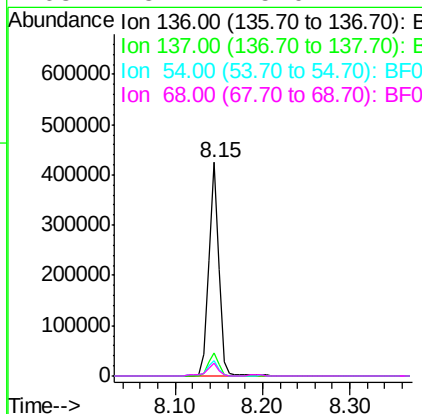
RT: 8.15 min Scan# 1030

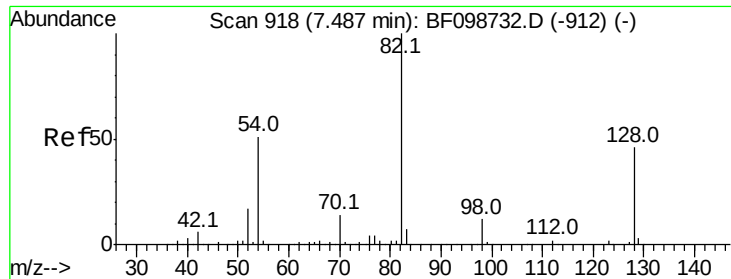
Delta R.T. -0.01 min

Lab File: BF099321.D

Acq: 11 Oct 2017 1:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		341992		
137	11.1	8.9	13.3		
54	7.0	6.6	9.8		
68	5.7	5.0	7.4		





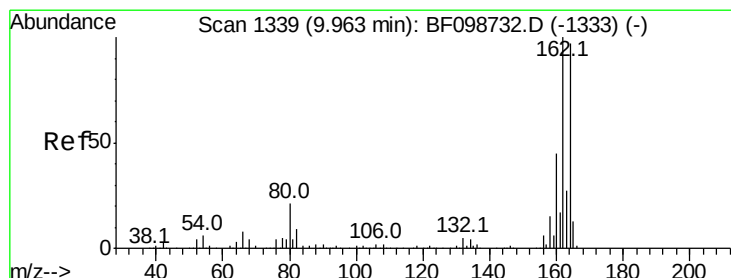
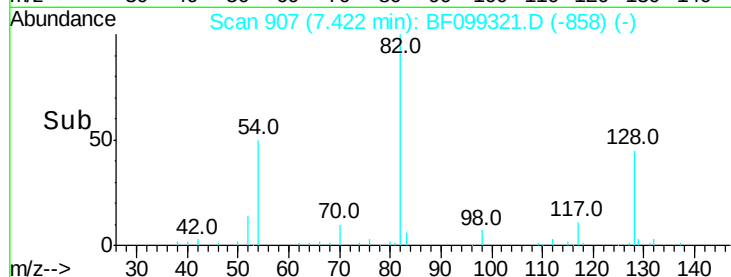
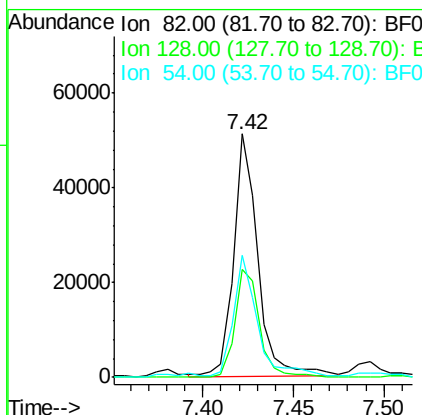
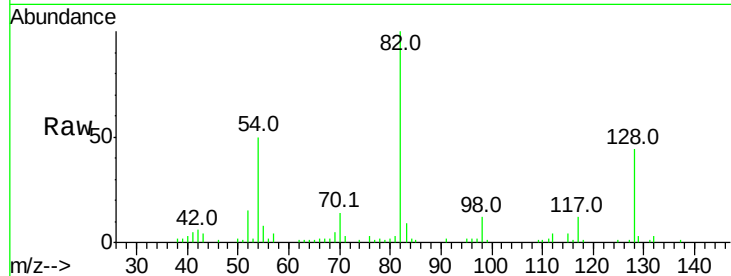
#23
Nitrobenzene-d5
Concen: 8.974 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099321.D
Acq: 11 Oct 2017 1:09

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	50.1	41.4	62.2

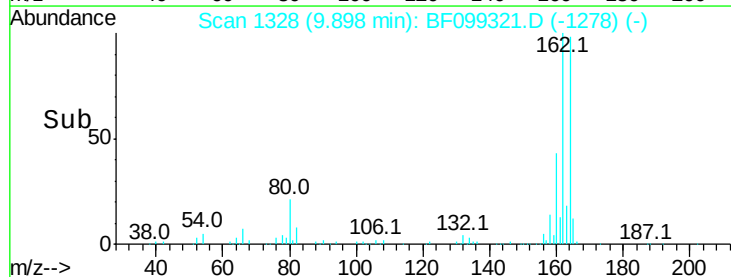
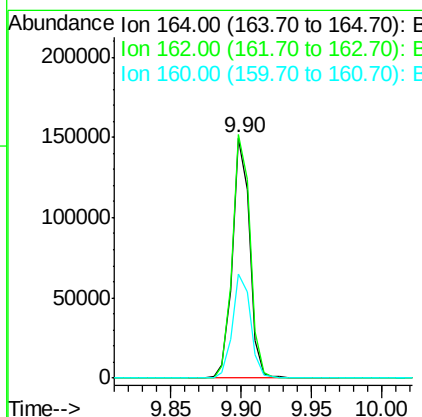
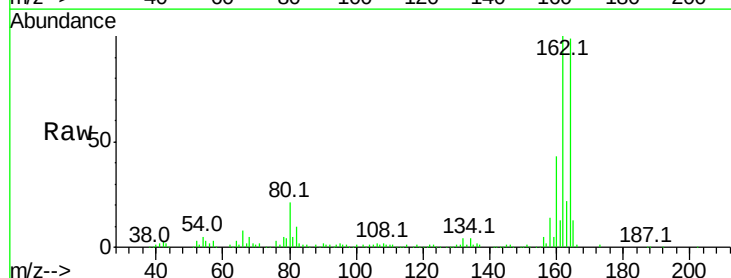
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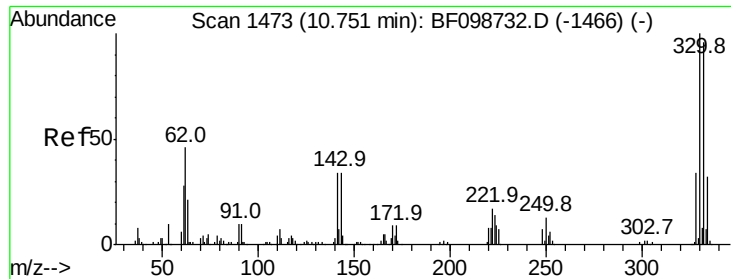
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099321.D
Acq: 11 Oct 2017 1:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	43.3	38.3	57.5





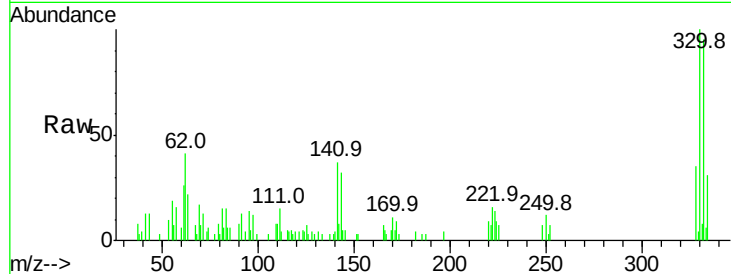
#41
 2,4,6-Tribromophenol
 Concen: 11.221 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099321.D
 Acq: 11 Oct 2017 1:09

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.0	115.6	
141	57.1	29.9	44.9	

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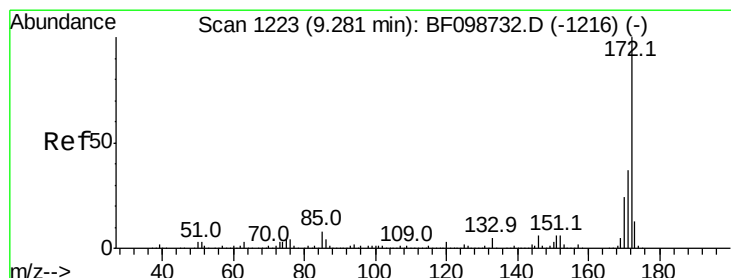
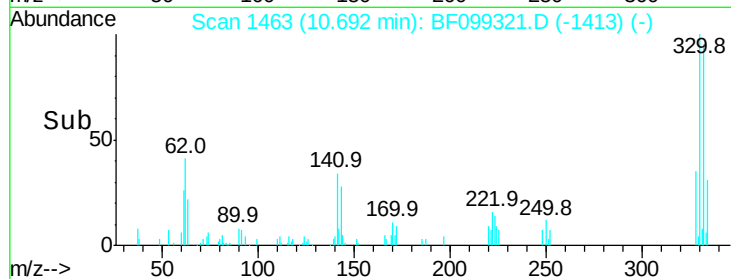
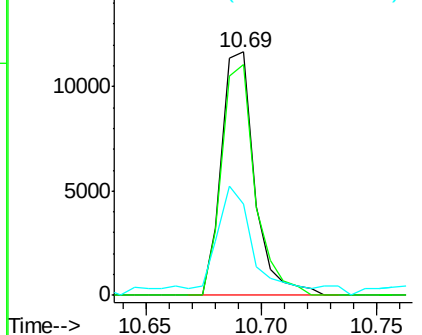


Abundance

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: 11.879 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099321.D
 Acq: 11 Oct 2017 1:09

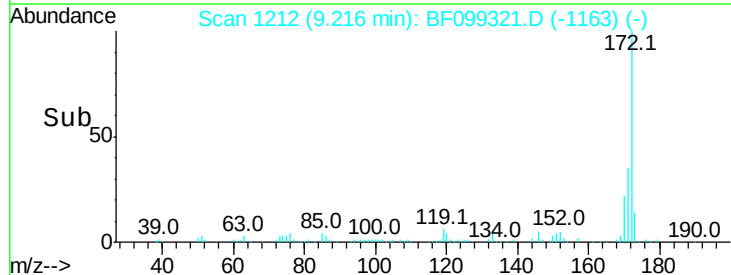
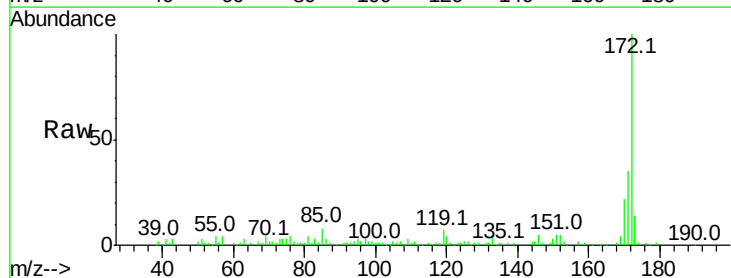
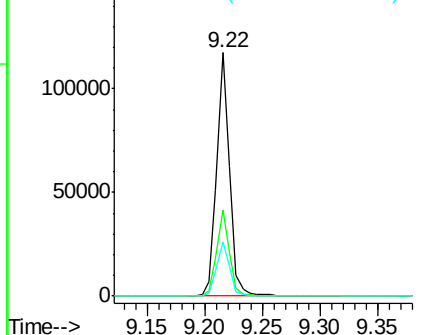
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.7	44.5	
170	22.0	19.6	29.4	

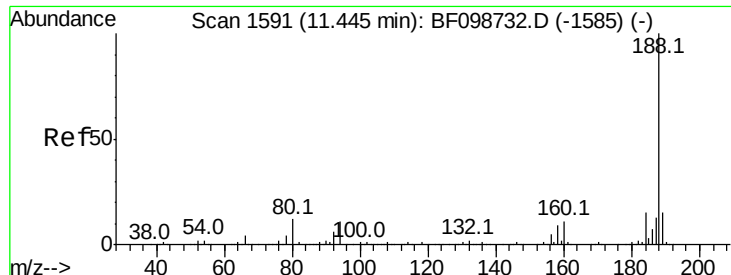
Abundance

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





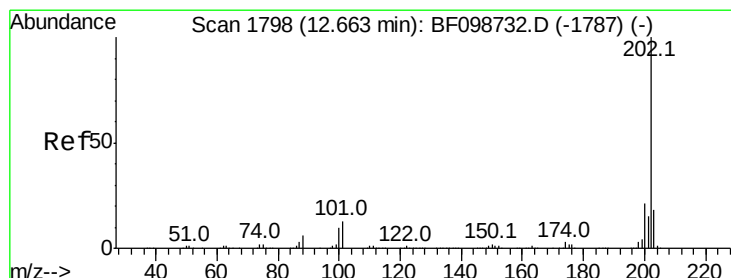
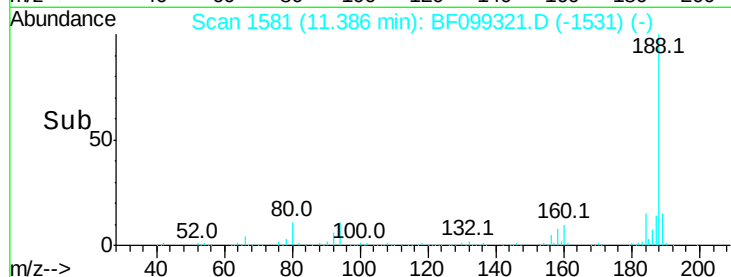
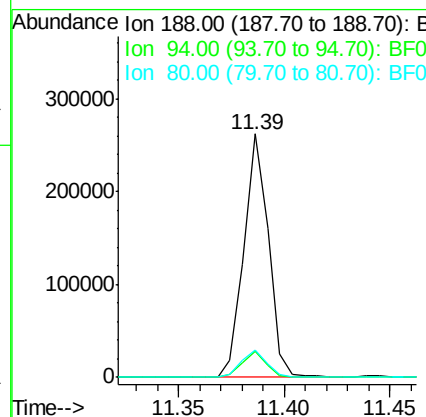
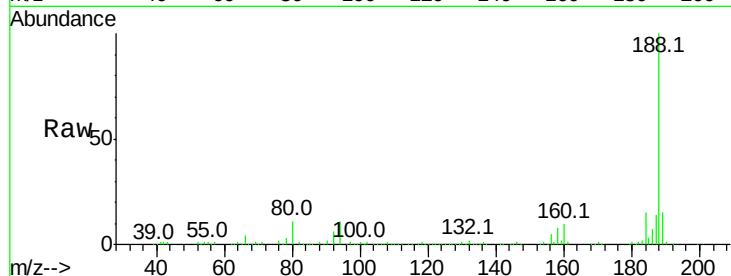
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099321.D
Acq: 11 Oct 2017 1:09

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8

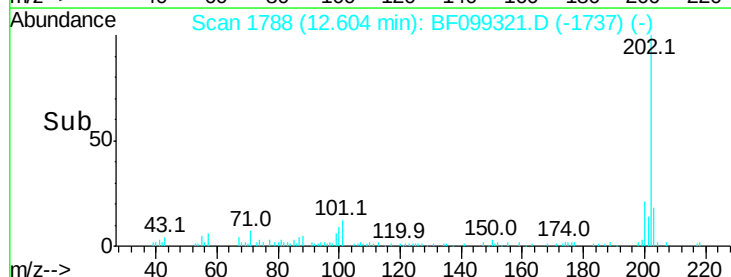
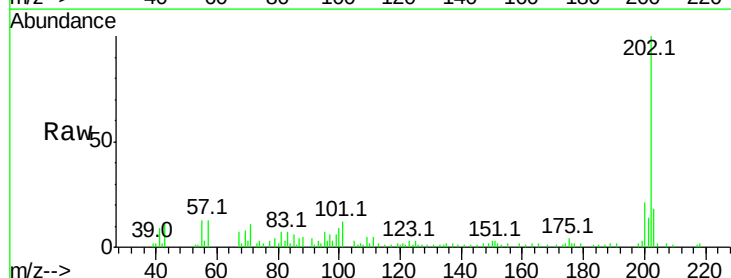
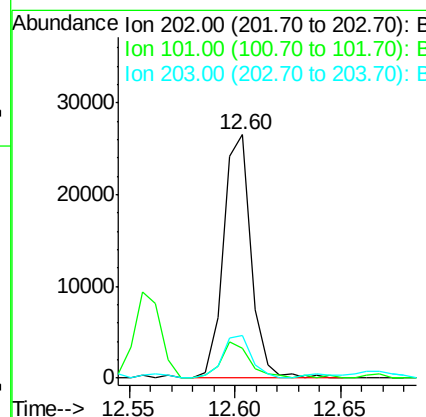
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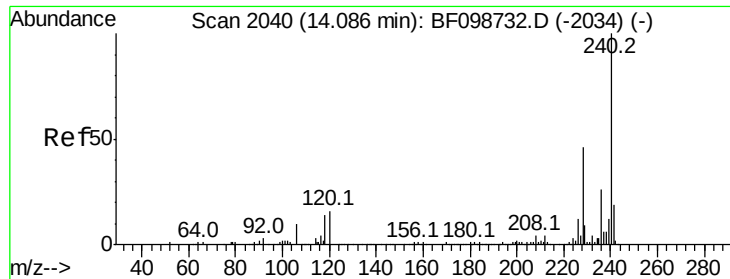
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#74
Fluoranthene
Concen: 2.090 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099321.D
Acq: 11 Oct 2017 1:09

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099321.D

Acq: 11 Oct 2017 1:09

Instrument :

BNA_F

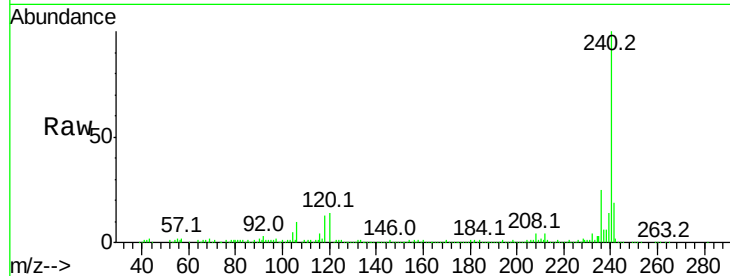
ClientSampleId :

HR-06-100617-C

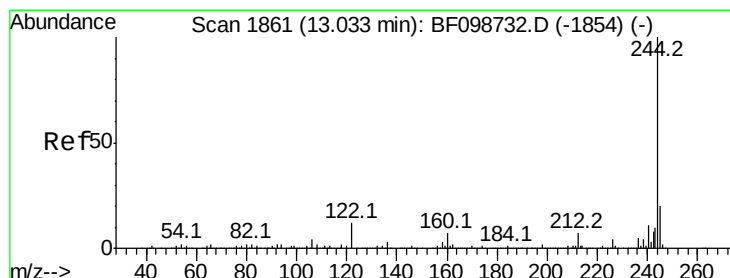
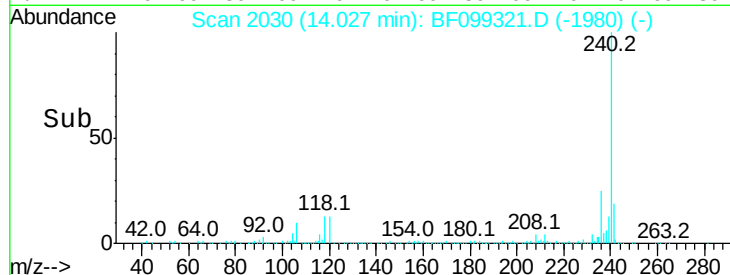
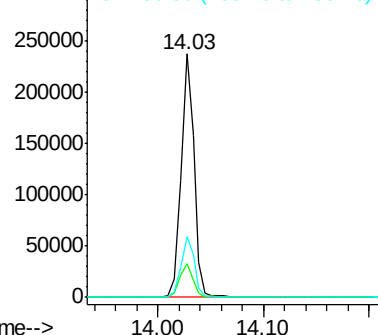
Tot Ion:	240	Resp:	204886
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	24.7	20.7	31.1

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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: 8.966 ng

RT: 12.97 min Scan# 1850

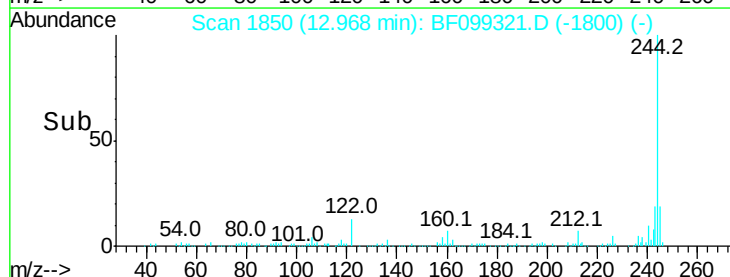
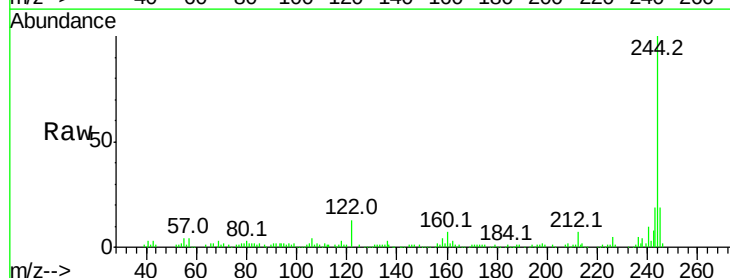
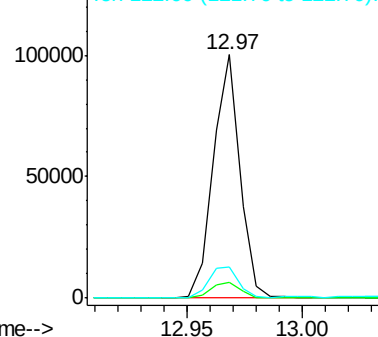
Delta R.T. -0.01 min

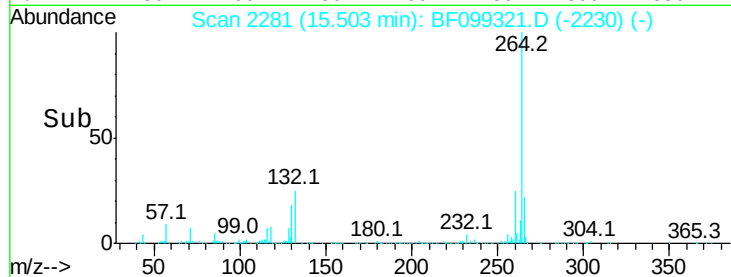
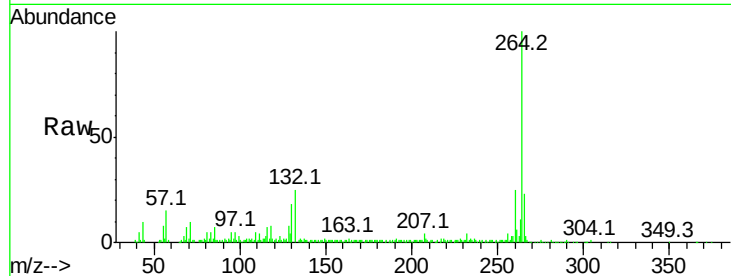
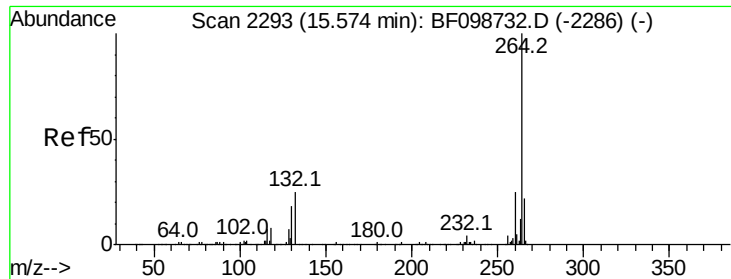
Lab File: BF099321.D

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Tgt Ion:	244	Resp:	80780
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	12.7	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: BF099321.D
Acq: 11 Oct 2017 1:09

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.5	17.5	26.3

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