

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106739.D
 Acq On : 23 Jun 2018 5:34
 Operator : JU/SJ
 Sample : J3596-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Manual Integrations
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Quant Time: Jun 25 07:24:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	38938	20.00	ng	0.01
21) Naphthalene-d8	8.25	136	133188	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	68638	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	124949	20.00	ng	0.00
75) Chrysene-d12	14.14	240	138482	20.00	ng	-0.01
86) Perylene-d12	15.68	264	109117	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	123865	53.87	ng	0.00
7) Phenol-d6	6.65	99	105894	36.88	ng	0.04
23) Nitrobenzene-d5	7.54	82	182269	76.05	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	95182	119.65	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	347775	85.92	ng	0.00
78) Terphenyl-d14	13.08	244	391636	68.50	ng	0.00
Target Compounds						
10) Phenol	6.67	94	50388	15.375	ng	98
31) Naphthalene	8.28	128	97209m	15.611	ng	
45) 1,1'-Biphenyl	9.42	154	16342	2.988	ng	98
49) Dimethylphthalate	9.72	163	18281	3.551	ng	# 65
54) Dibenzofuran	10.21	168	17971	3.066	ng	# 83
57) Fluorene	10.55	166	16609	3.571	ng	# 85
83) Bis(2-ethylhexyl)phthalate	14.10	149	26810	5.585	ng	# 94

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

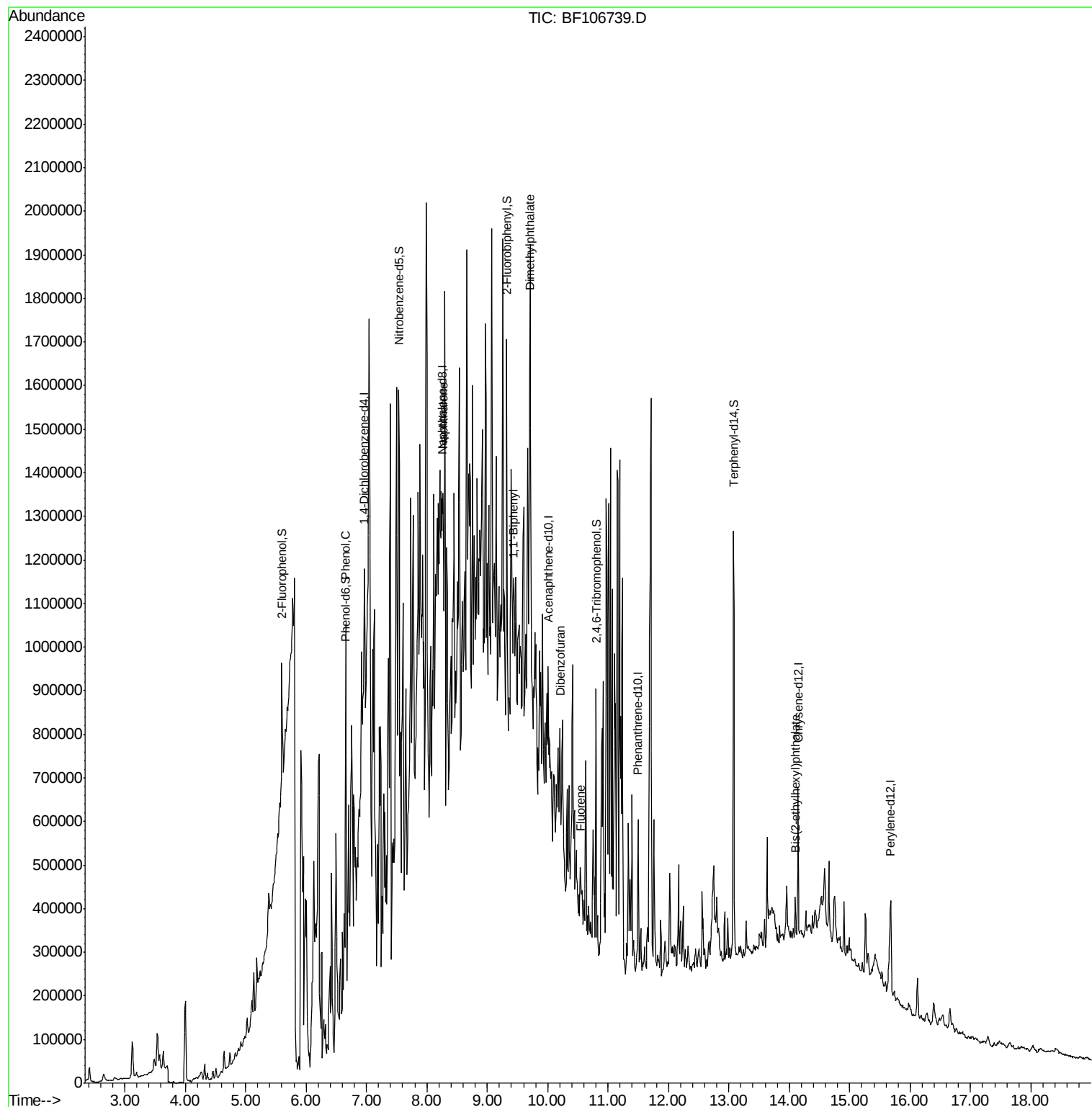
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106739.D
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Misc :
ALS Vial : 29 Sample Multiplier: 1

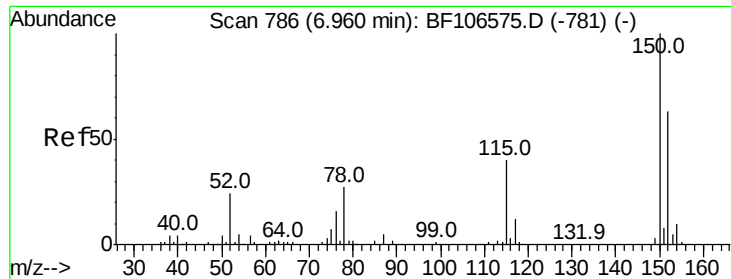
Instrument :
BNA_F
ClientSampleId :
MW-11

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Quant Time: Jun 25 07:24:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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#1

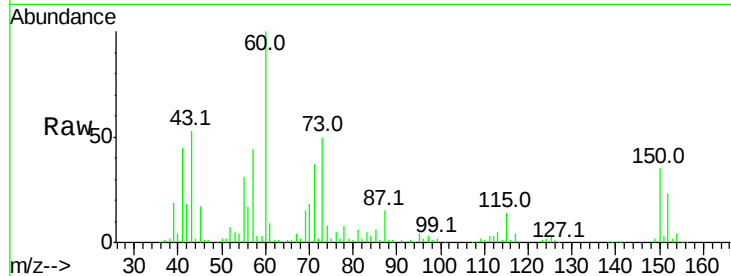
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF106739.D
Acq: 23 Jun 2018 5:34

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	58.7	50.1	75.1

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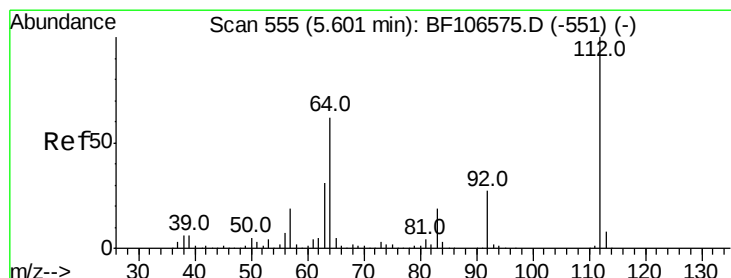
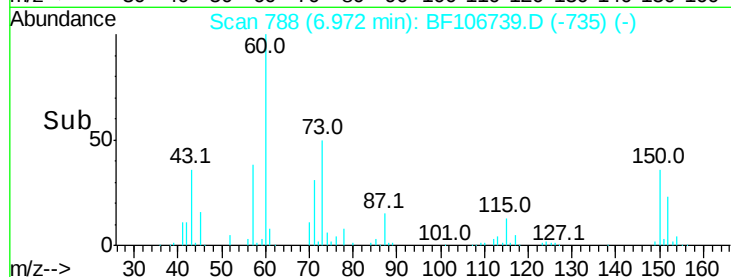
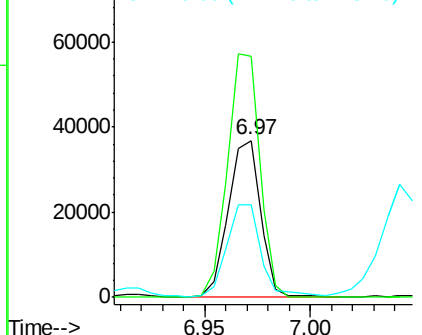


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

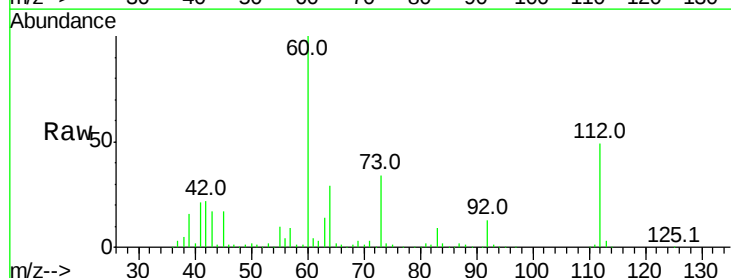
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.866 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106739.D
Acq: 23 Jun 2018 5:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	28.3	23.7	35.5

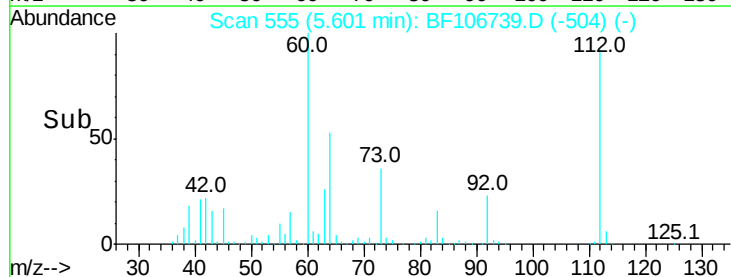
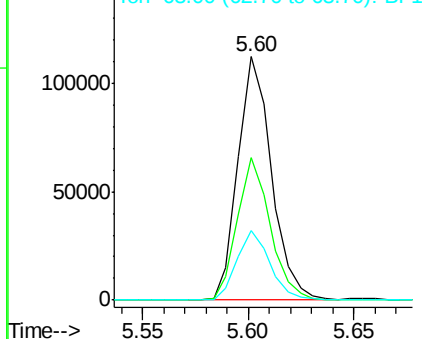


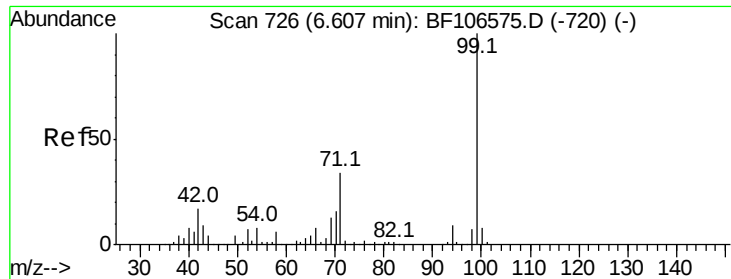
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 36.876 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.04 min

Lab File: BF106739.D

Acq: 23 Jun 2018 5:34

Instrument :

BNA_F

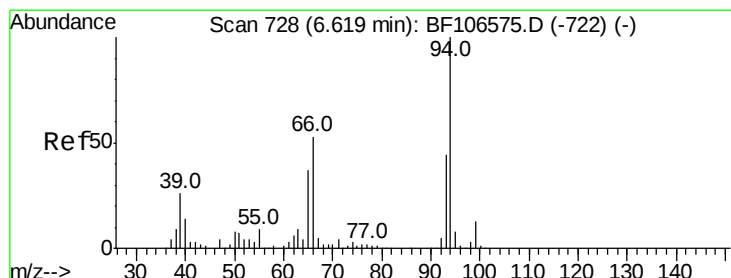
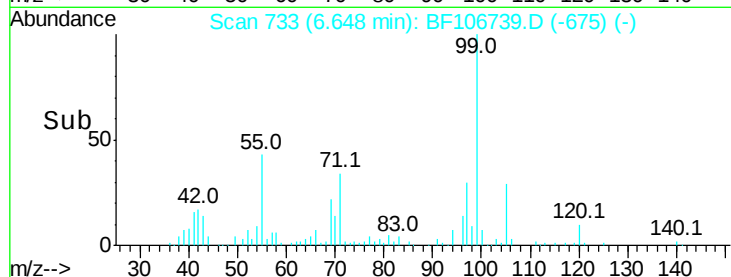
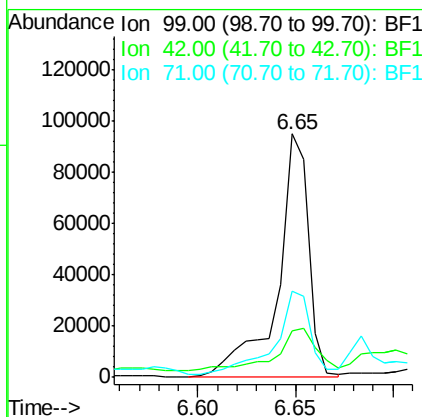
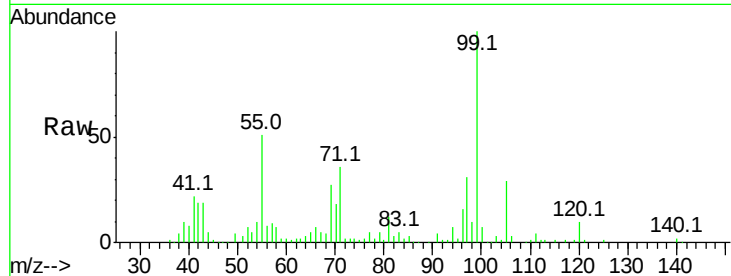
ClientSampled :

MW-11

Tot Ion:	99	Resp:	105894
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.5	21.7
71	35.5	25.4	38.0

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#10

Phenol

Concen: 15.375 ng

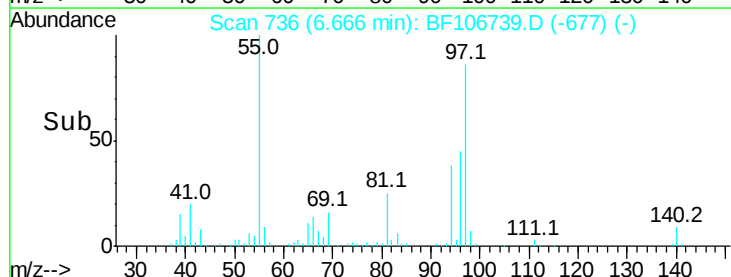
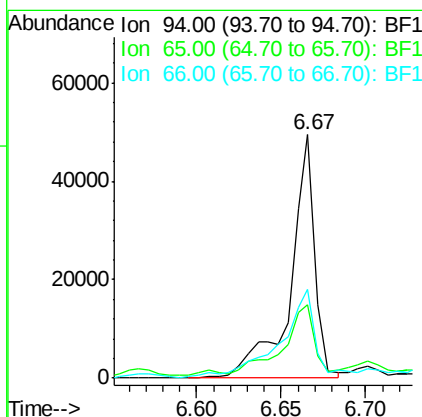
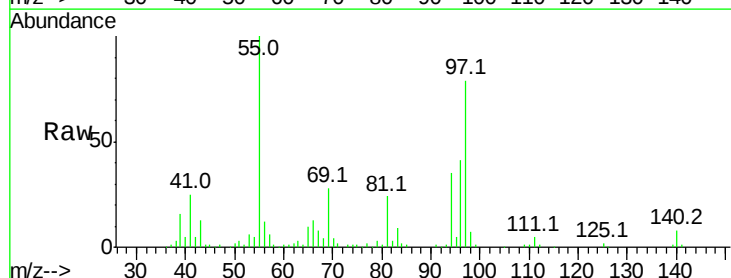
RT: 6.67 min Scan# 736

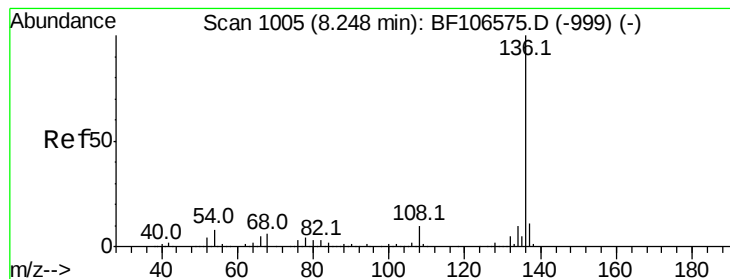
Delta R.T. 0.05 min

Lab File: BF106739.D

Acq: 23 Jun 2018 5:34

Tgt Ion:	94	Resp:	50388
Ion Ratio	Lower	Upper	
94	100		
65	30.3	7.9	47.9
66	36.3	16.2	56.2





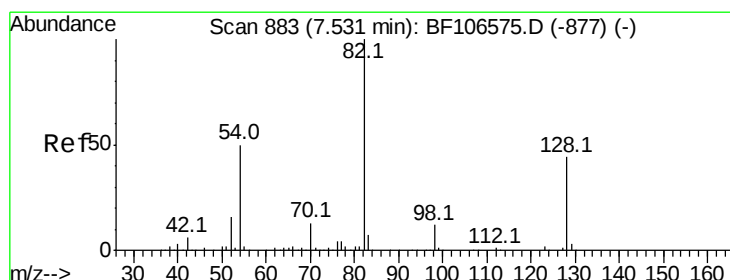
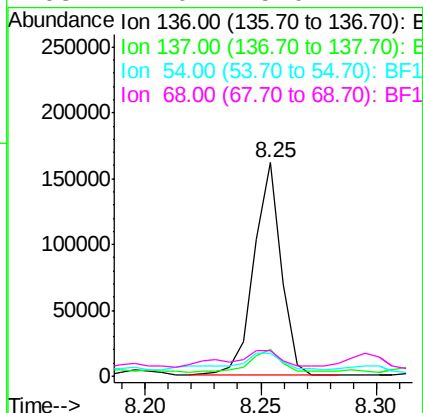
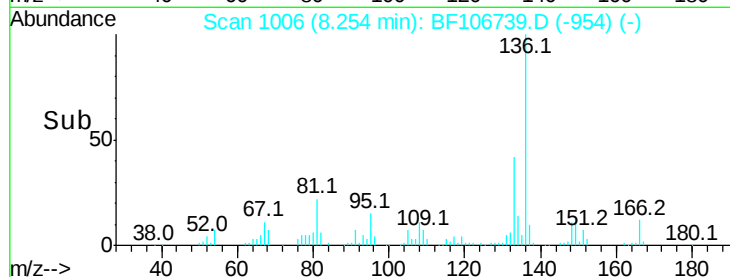
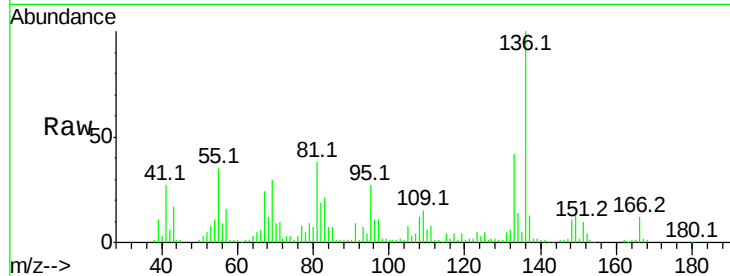
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF106739.D
Acq: 23 Jun 2018 5:34

Instrument :
BNA_F
ClientSampled :
MW-11

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.6	8.9	13.3
54	10.9	6.6	9.8#
68	12.0	5.0	7.4#

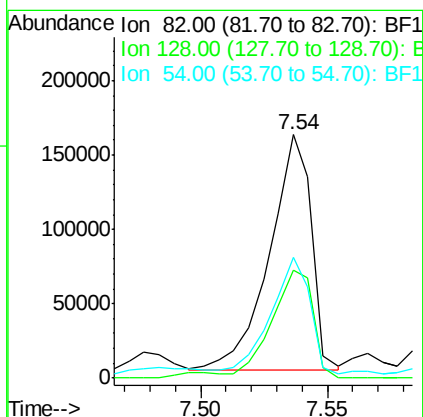
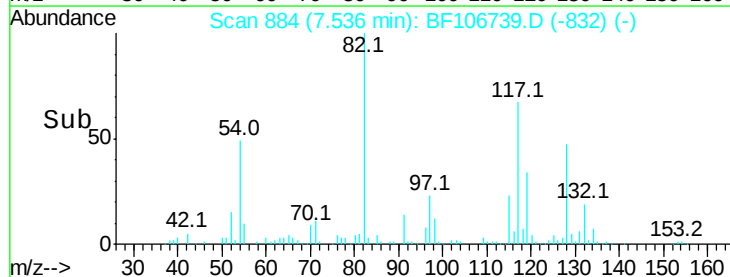
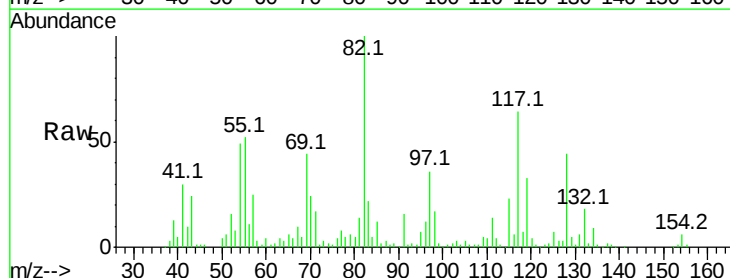
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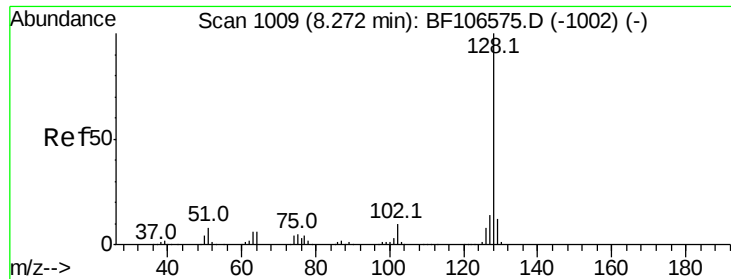
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#23
Nitrobenzene-d5
Concen: 76.053 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF106739.D
Acq: 23 Jun 2018 5:34

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.4	36.1	54.1
54	49.5	41.4	62.2





#31

Naphthalene

Concen: 15.611 ng m

RT: 8.28 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF106739.D

Acq: 23 Jun 2018 5:34

Instrument :

BNA_F

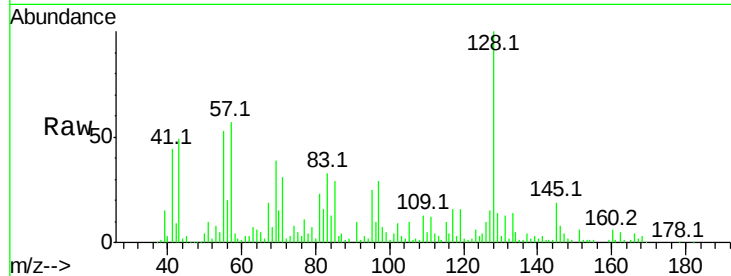
ClientSampled :

MW-11

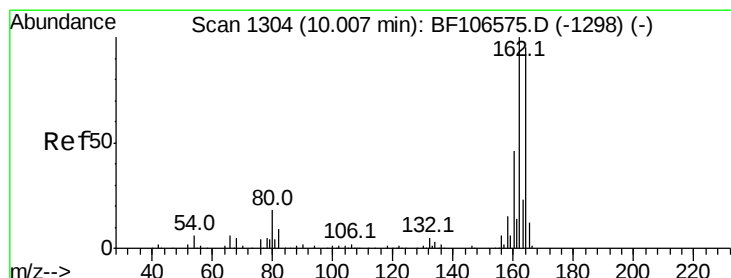
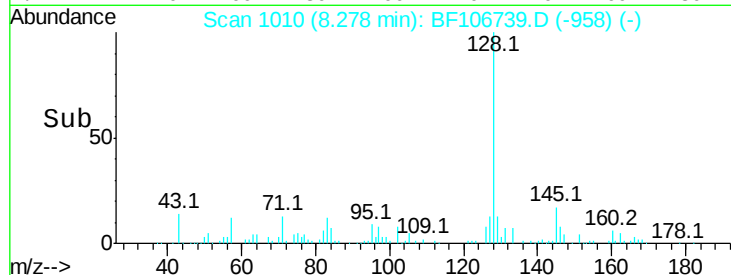
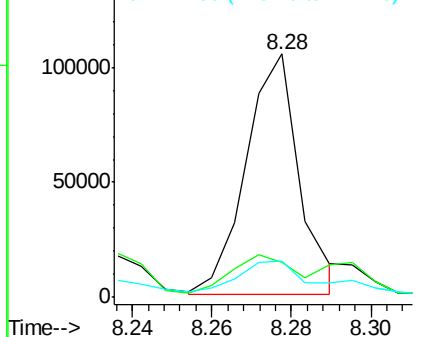
Tot Ion:	128	Resp:	97209
Ion Ratio	Lower	Upper	
128	100		
129	14.5	8.8	13.2#
127	14.9	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

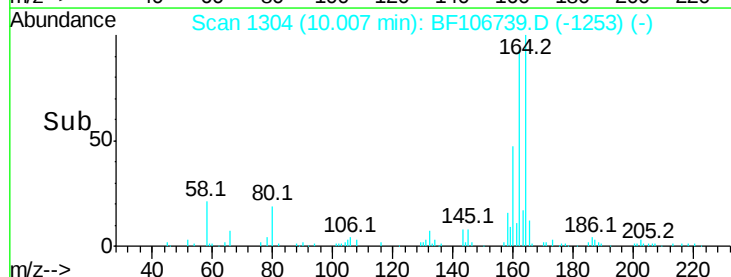
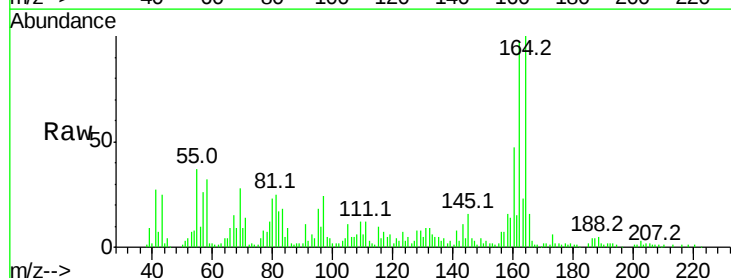
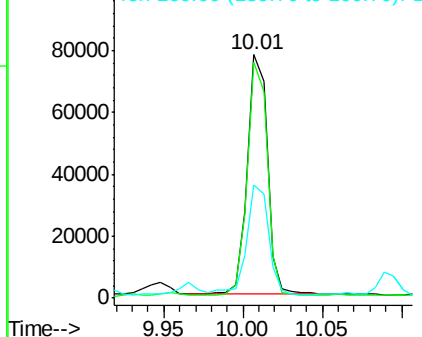
Delta R.T. -0.00 min

Lab File: BF106739.D

Acq: 23 Jun 2018 5:34

Tgt Ion:	164	Resp:	68638
Ion Ratio	Lower	Upper	
164	100		
162	96.7	86.1	129.1
160	46.5	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





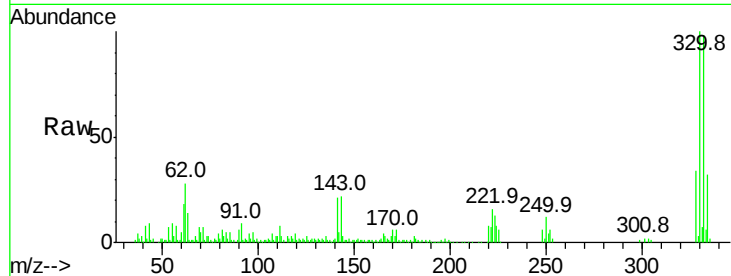
#41
 2,4,6-Tribromophenol
 Concen: 119.646 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF106739.D
 Acq: 23 Jun 2018 5:34

Instrument :
 BNA_F
 ClientSampled :
 MW-11

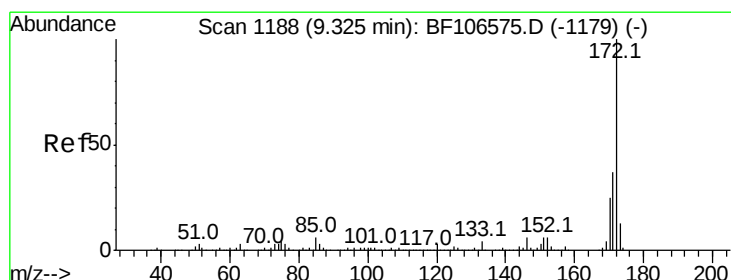
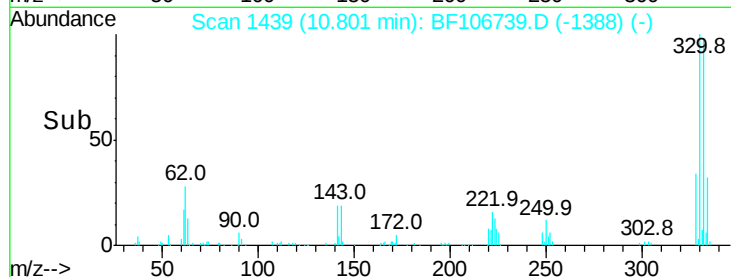
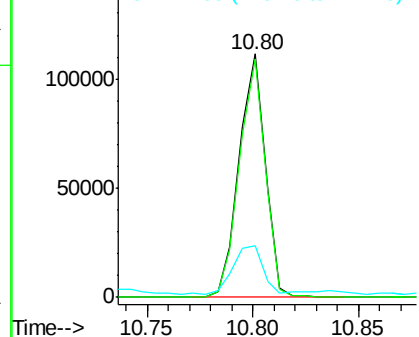
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	23.1	29.9	44.9	

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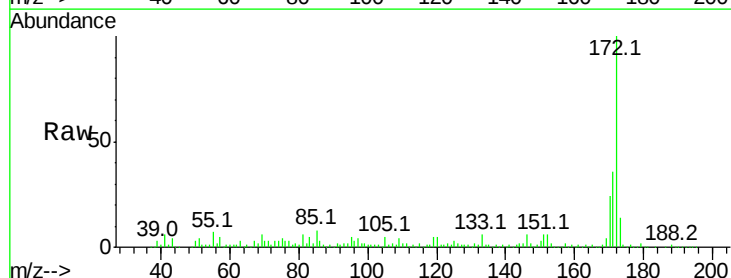


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

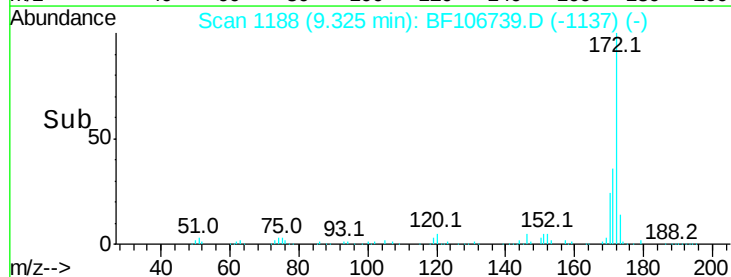
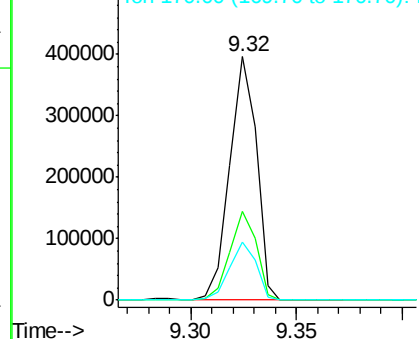


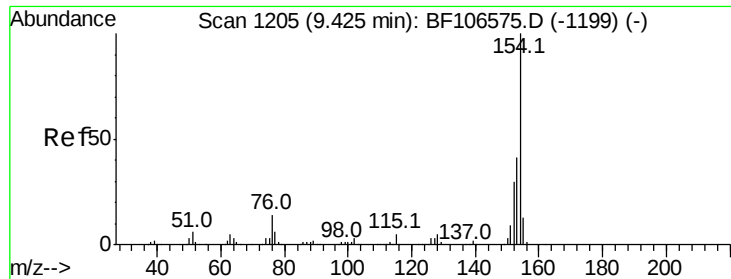
#44
 2-Fluorobiphenyl
 Concen: 85.922 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106739.D
 Acq: 23 Jun 2018 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	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





#45

1,1'-Biphenyl

Concen: 2.988 ng

RT: 9.42 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF106739.D

Acq: 23 Jun 2018 5:34

Instrument :

BNA_F

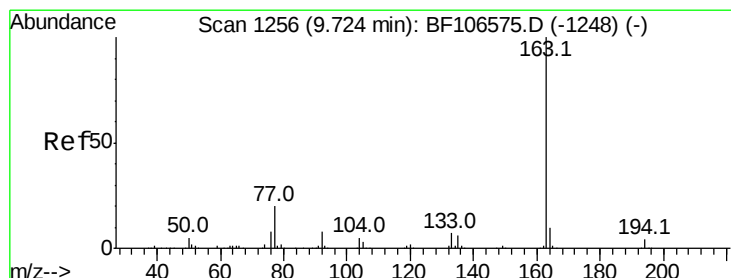
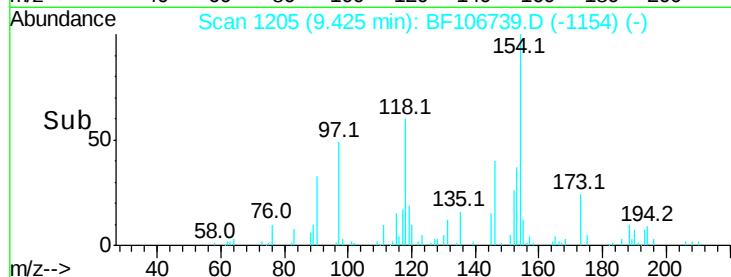
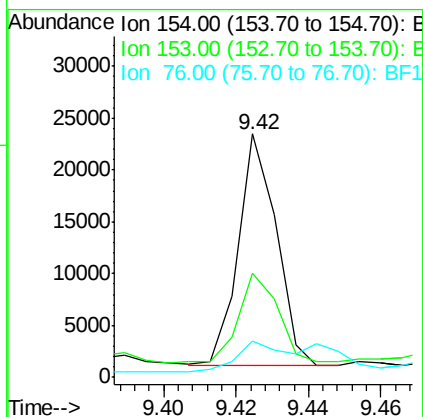
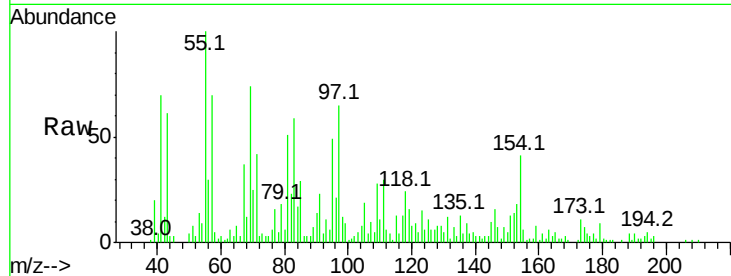
ClientSampled :

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Tot Ion:	154	Resp:	16342
Ion Ratio	Lower	Upper	
154	100		
153	42.8	21.3	61.3
76	14.6	0.0	34.0

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#49

Dimethylphthalate

Concen: 3.551 ng

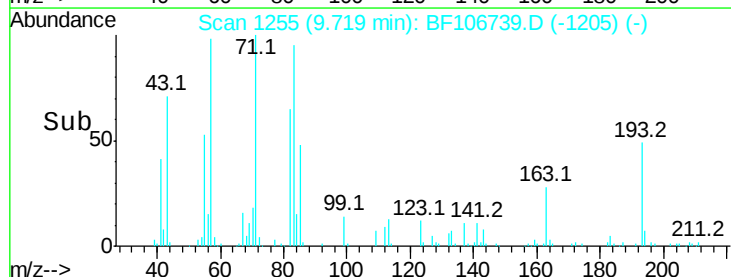
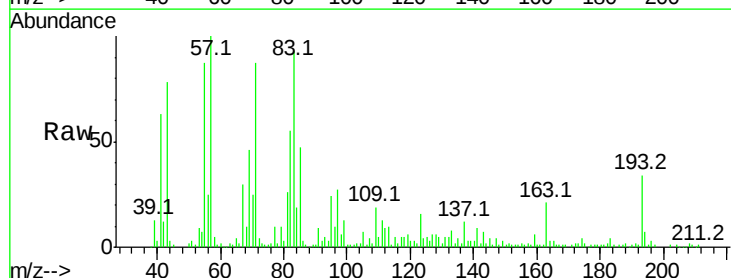
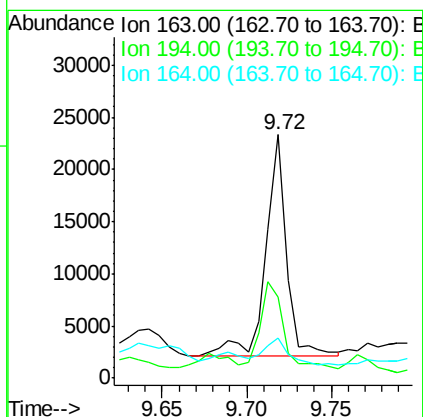
RT: 9.72 min Scan# 1255

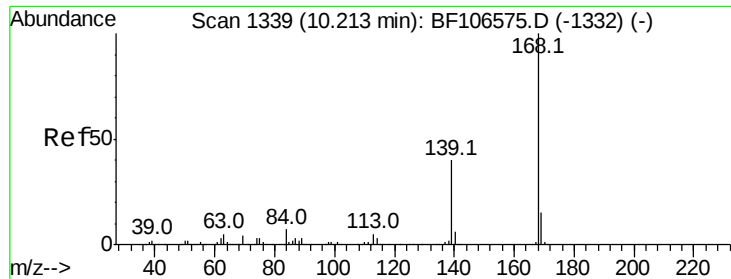
Delta R.T. -0.01 min

Lab File: BF106739.D

Acq: 23 Jun 2018 5:34

Tgt Ion:	163	Resp:	18281
Ion Ratio	Lower	Upper	
163	100		
194	33.4	2.7	4.1#
164	16.2	8.2	12.2#





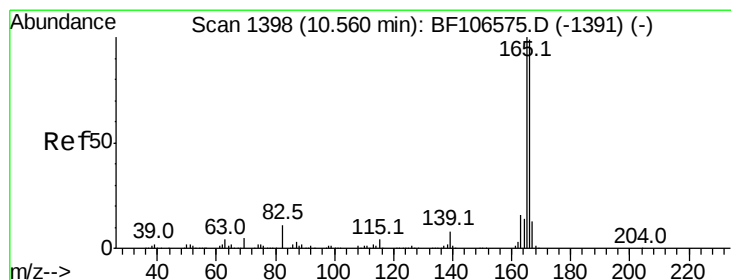
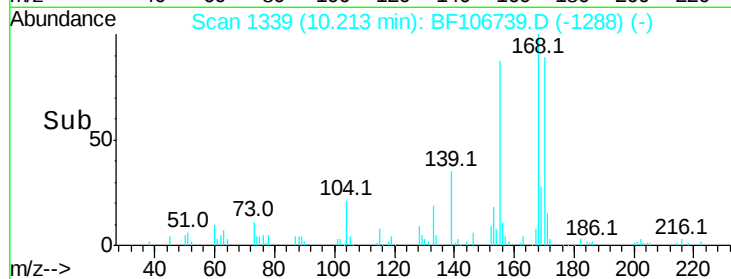
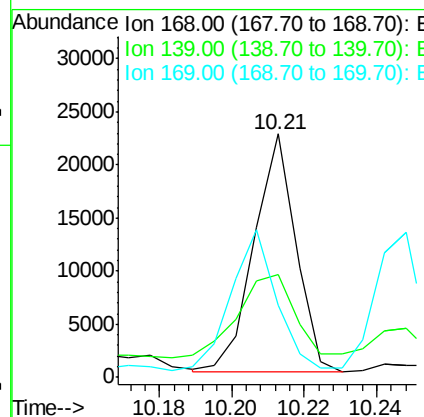
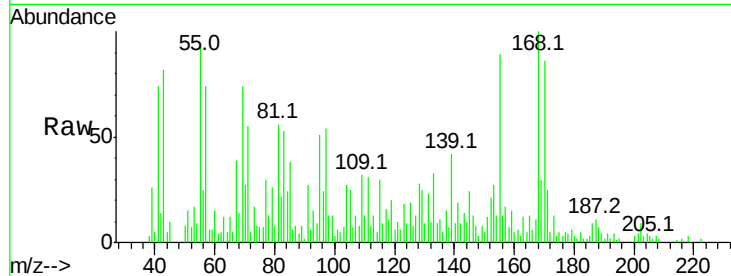
#54
Dibenzofuran
Concen: 3.066 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF106739.D
Acq: 23 Jun 2018 5:34

Instrument :
BNA_F
ClientSampled :
MW-11

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	30.1	45.1
169	29.8	10.9	16.3

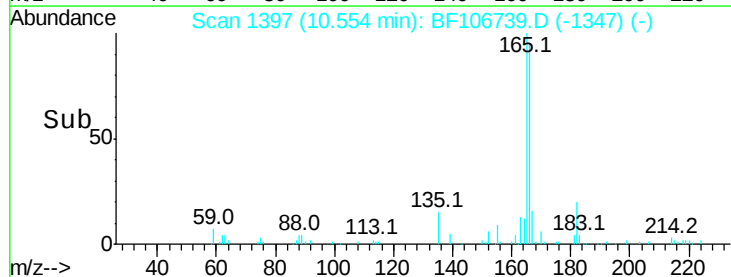
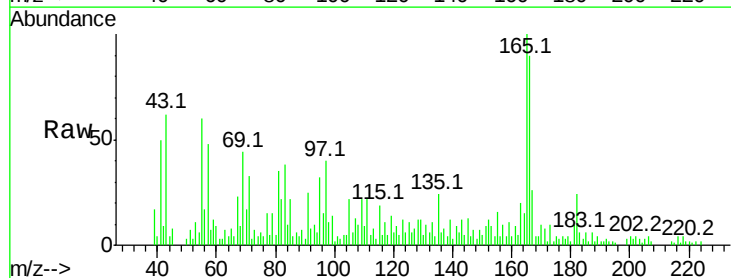
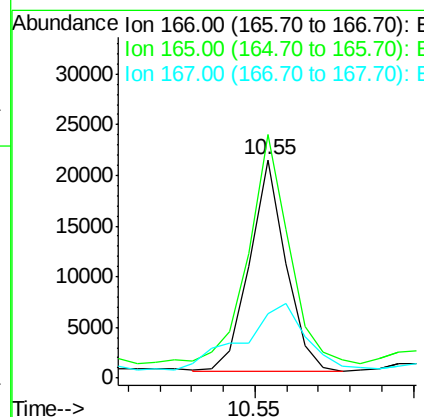
Manual Integrations
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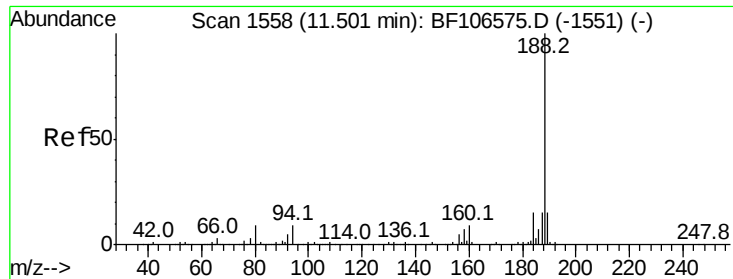
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#57
Fluorene
Concen: 3.571 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106739.D
Acq: 23 Jun 2018 5:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	111.4	79.8	119.8
167	29.4	10.6	16.0





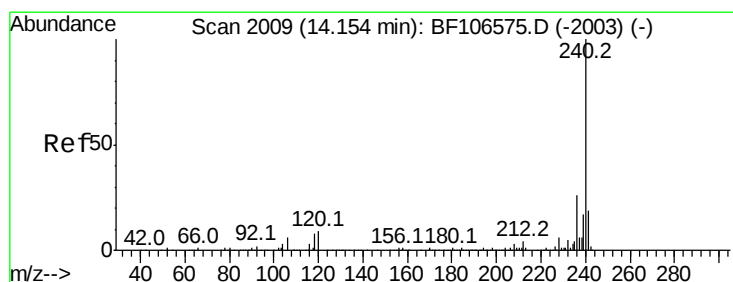
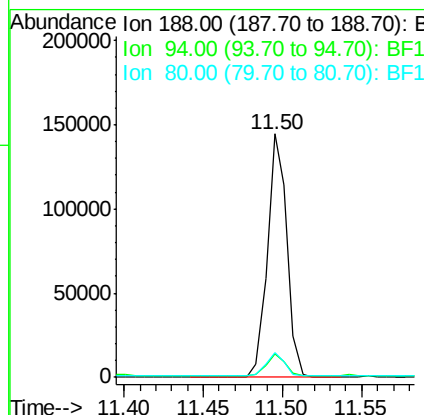
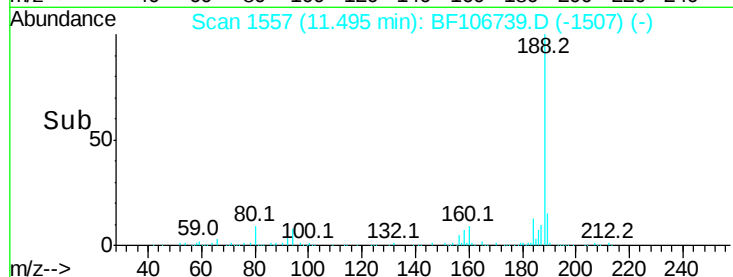
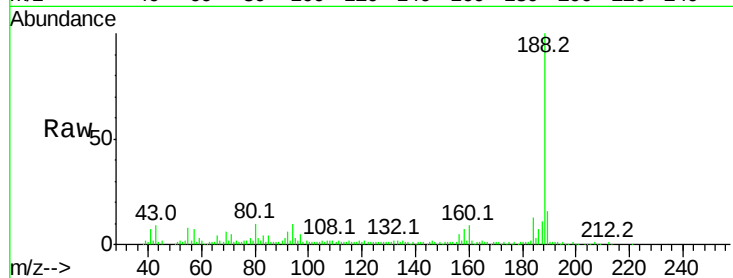
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106739.D
Acq: 23 Jun 2018 5:34

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.9	9.2	13.8

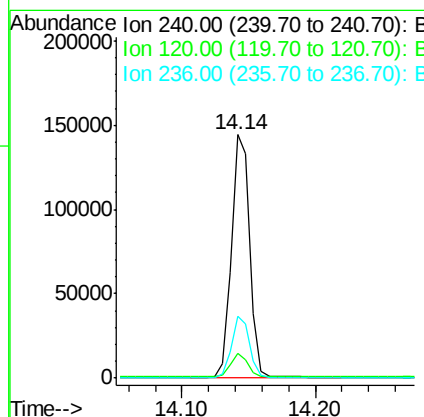
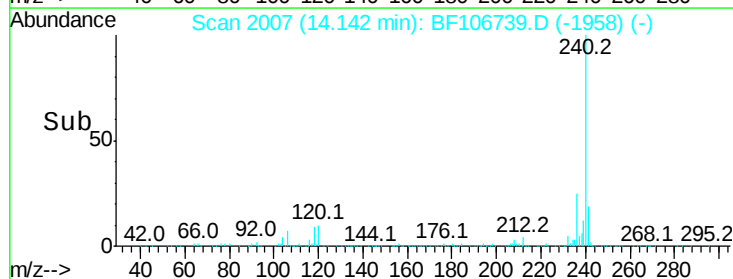
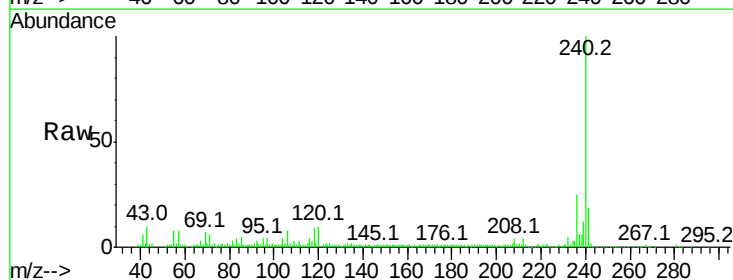
Manual Integrations
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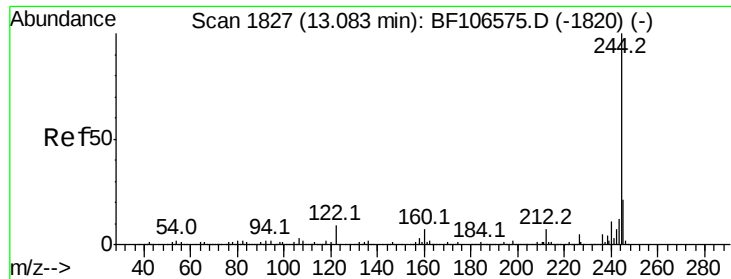
Sohil
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106739.D
Acq: 23 Jun 2018 5:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.4	20.7	31.1





#78

Terphenyl-d14

Concen: 68.504 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106739.D

Acq: 23 Jun 2018 5:34

Instrument :

BNA_F

ClientSampled :

MW-11

Tot Ion:244 Resp: 391636

Ion Ratio Lower Upper

244 100

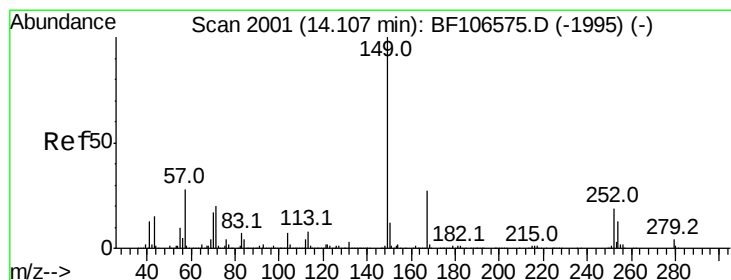
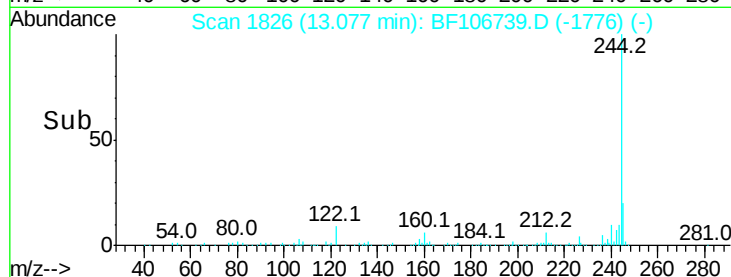
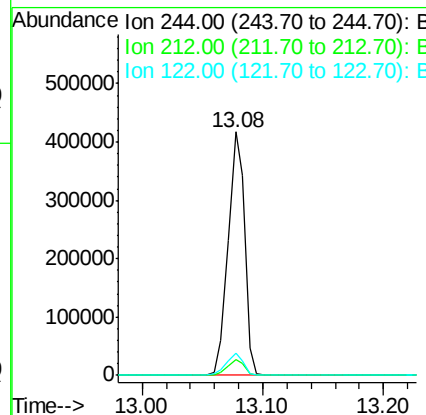
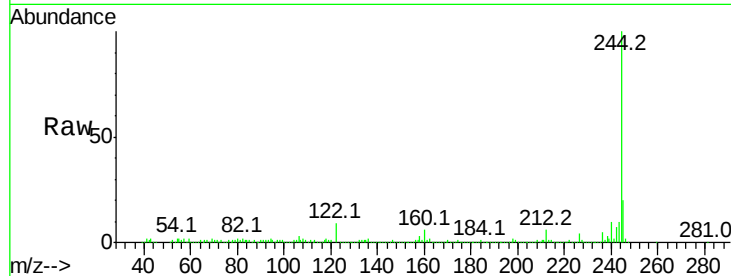
212 6.4 5.4 8.0

122 9.2 11.0 16.4#

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 5.585 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106739.D

Acq: 23 Jun 2018 5:34

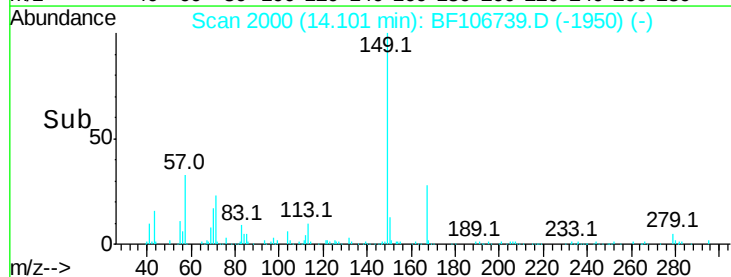
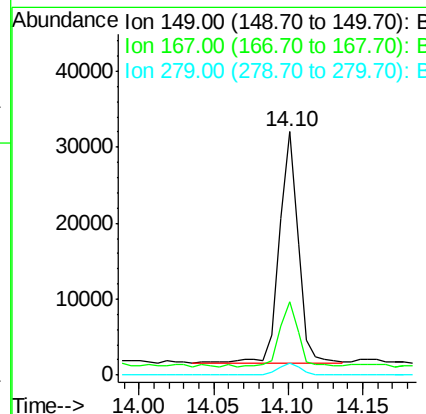
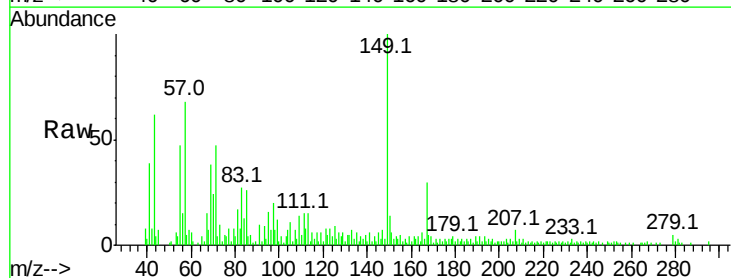
Tgt Ion:149 Resp: 26810

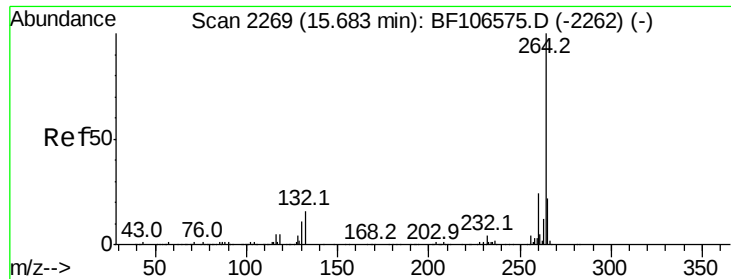
Ion Ratio Lower Upper

149 100

167 30.1 21.3 31.9

279 4.9 3.0 4.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106739.D
Acq: 23 Jun 2018 5:34

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.7	17.5	26.3

Manual Integrations
APPROVED

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