

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107773.D
 Acq On : 28 Jul 2018 4:16
 Operator : JU/SJ
 Sample : J4184-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

Manual Integrations
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Sohil
 7/30/2018 2:03:35 PM

Quant Time: Jul 30 01:51:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	159749	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	608082	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	238119	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	382598	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	413852	20.00	ng	-0.01
86) Perylene-d12	15.68	264	323078	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	594924	59.88	ng	-0.01
7) Phenol-d6	6.60	99	493090	41.33	ng	-0.02
23) Nitrobenzene-d5	7.53	82	958607	106.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	344132	127.09	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1672712	146.43	ng	-0.02
78) Terphenyl-d14	13.08	244	1401254	86.68	ng	-0.02
Target Compounds						
48) Acenaphthylene	9.87	152	148438	6.232	ng	98
49) Dimethylphthalate	9.71	163	135300	7.539	ng	99
51) Acenaphthene	10.03	154	107086	7.176	ng	95
57) Fluorene	10.55	166	47164	3.009	ng	# 97
70) Phenanthrene	11.52	178	71729	3.847	ng	# 95
71) Anthracene	11.57	178	83961	4.473	ng	# 91
74) Fluoranthene	12.72	202	60939	3.046	ng	96
77) Pyrene	12.95	202	120567m	4.259	ng	

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

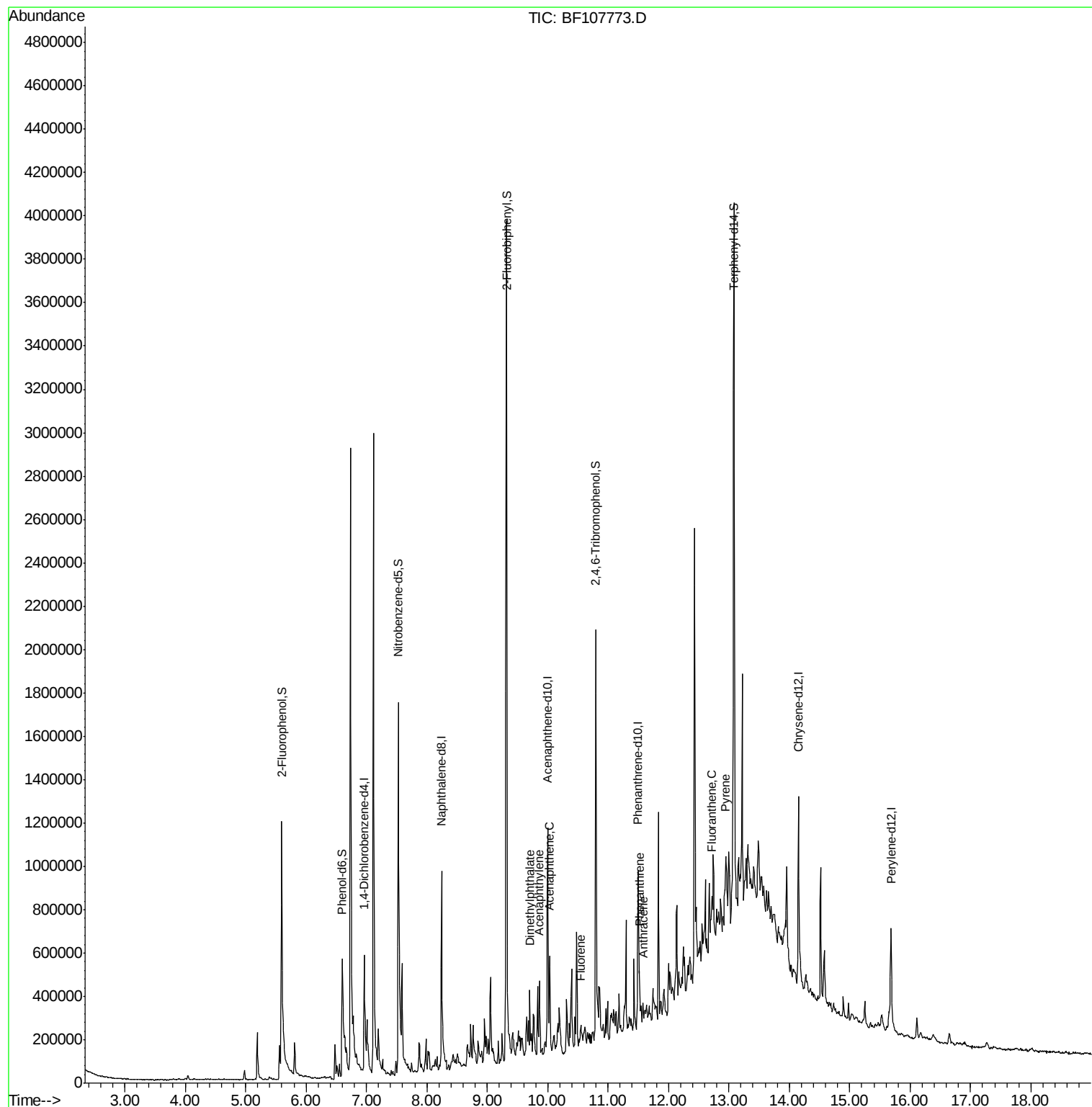
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107773.D
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Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

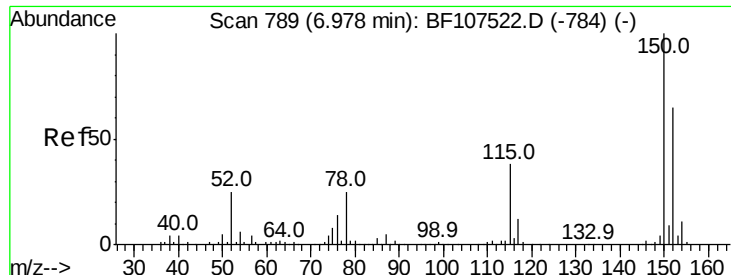
Instrument :
BNA_F
ClientSampleId :
MW-11B

Quant Time: Jul 30 01:51:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
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#1

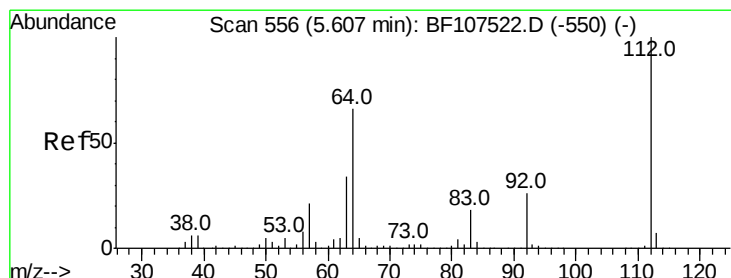
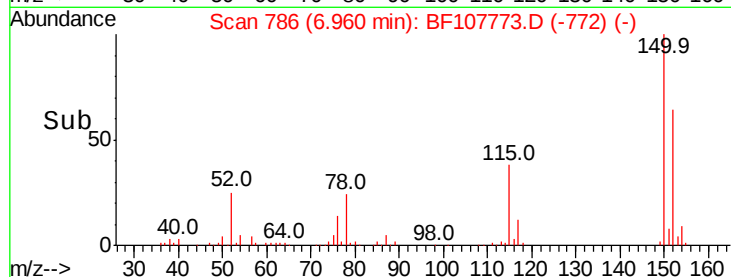
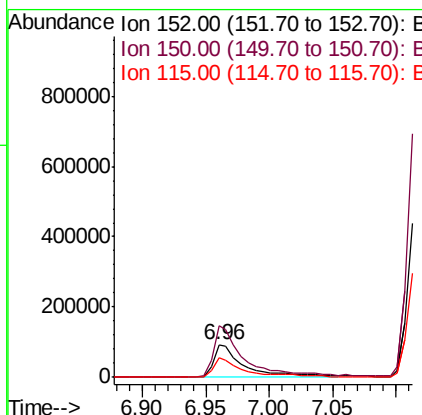
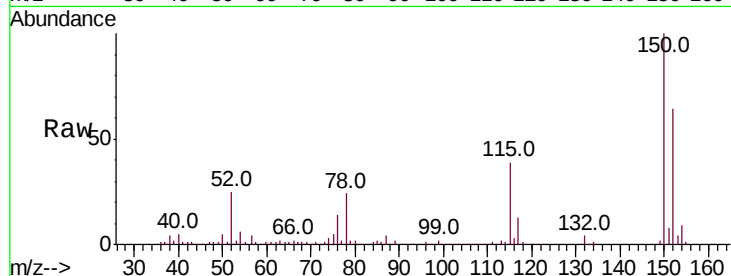
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107773.D
Acq: 28 Jul 2018 4:16

Instrument :
BNA_F
ClientSampleId :
MW-11B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	60.8	50.1	75.1

Manual Integrations
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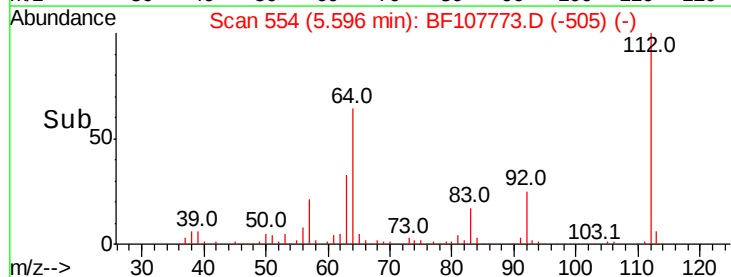
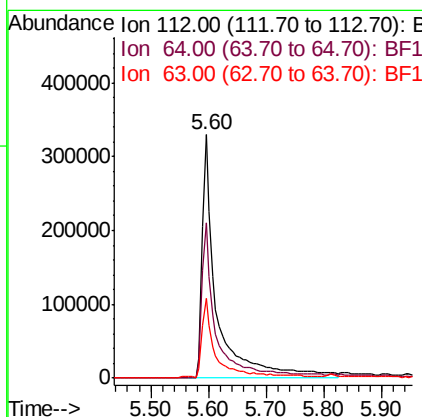
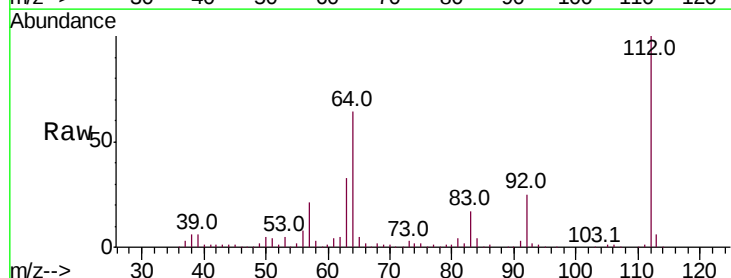
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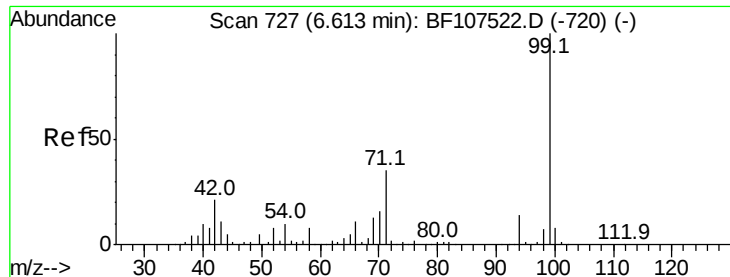


#5

2-Fluorophenol
Concen: 59.877 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107773.D
Acq: 28 Jul 2018 4:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	32.6	23.7	35.5





#7

Phenol-d6

Concen: 41.331 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107773.D

Acq: 28 Jul 2018 4:16

Instrument :

BNA_F

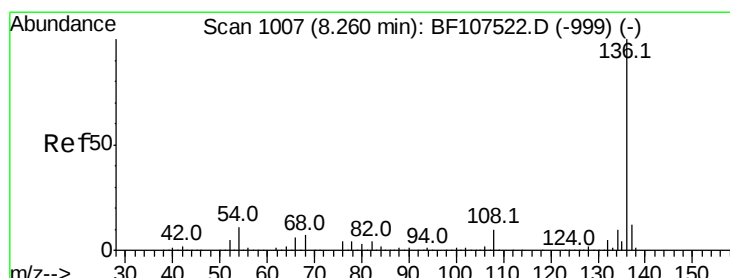
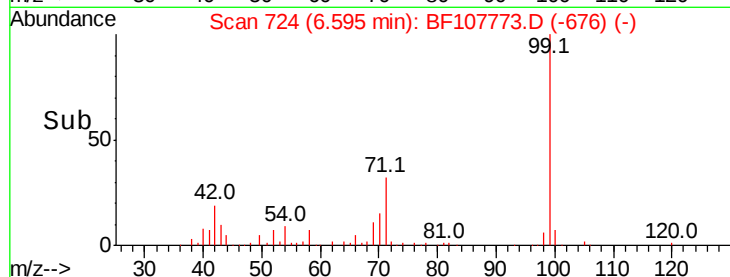
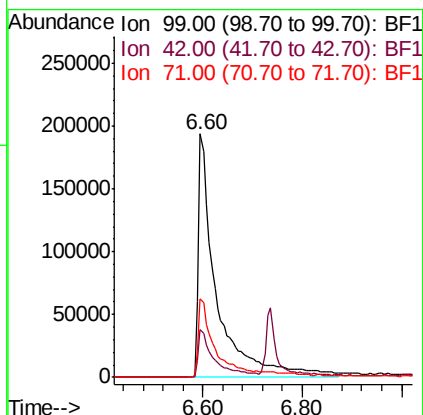
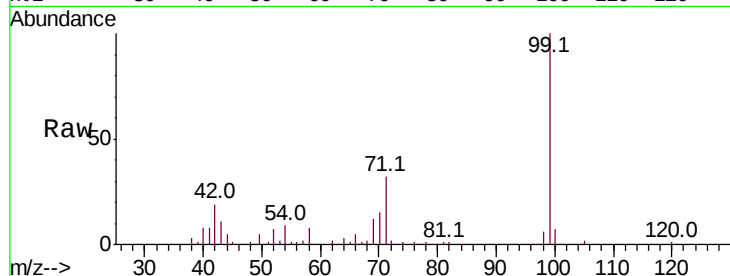
ClientSampled :

MW-11B

Tot Ion:	99	Resp:	493090
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	32.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

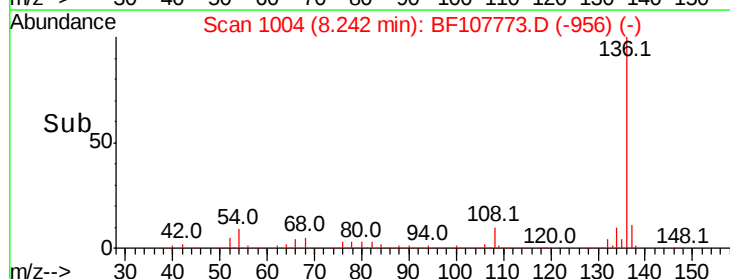
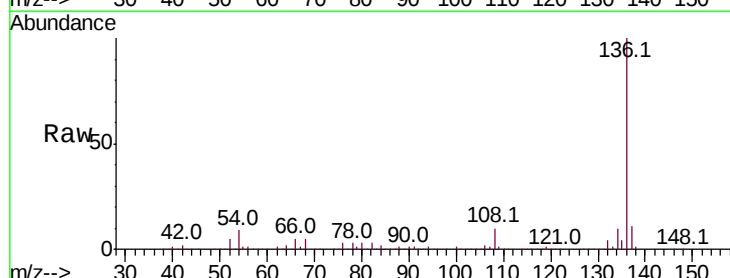
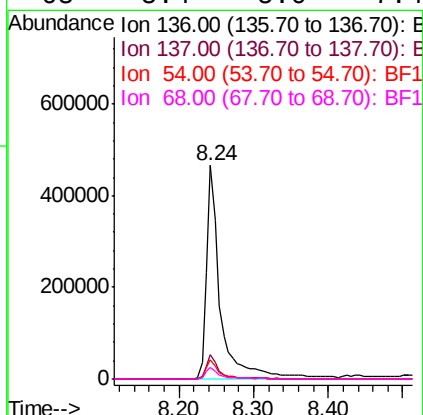
RT: 8.24 min Scan# 1004

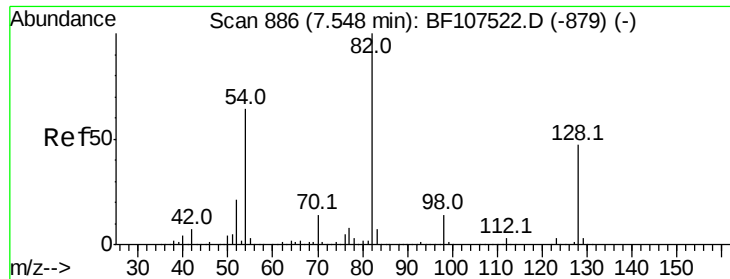
Delta R.T. -0.02 min

Lab File: BF107773.D

Acq: 28 Jul 2018 4:16

Tgt Ion:	136	Resp:	608082
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	9.3	6.6	9.8
68	5.4	5.0	7.4





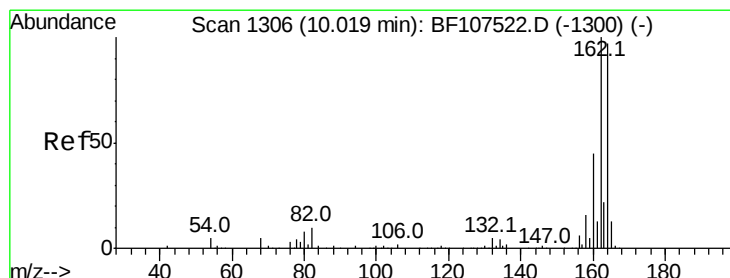
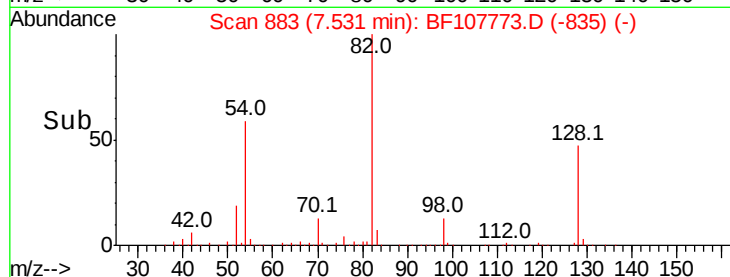
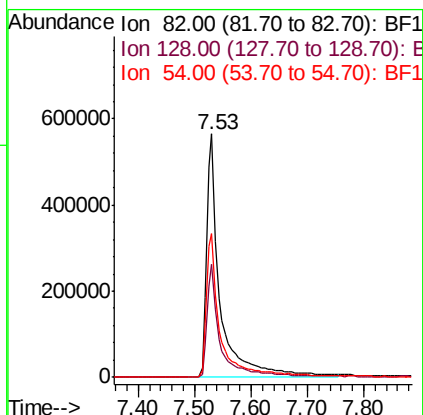
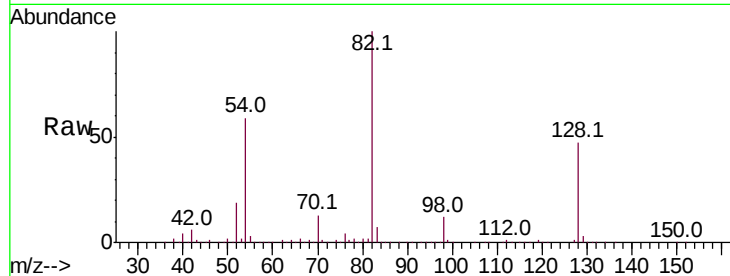
#23
Nitrobenzene-d5
Concen: 106.390 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107773.D
Acq: 28 Jul 2018 4:16

Instrument :
BNA_F
ClientSampleId :
MW-11B

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	58.9	41.4	62.2

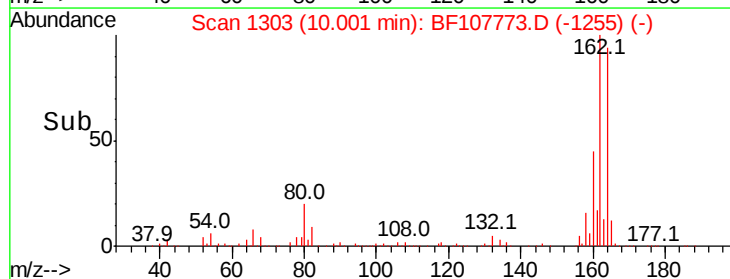
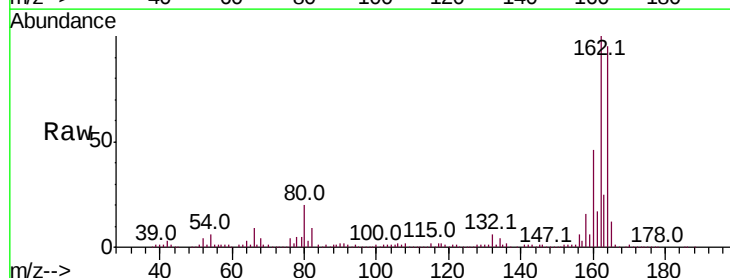
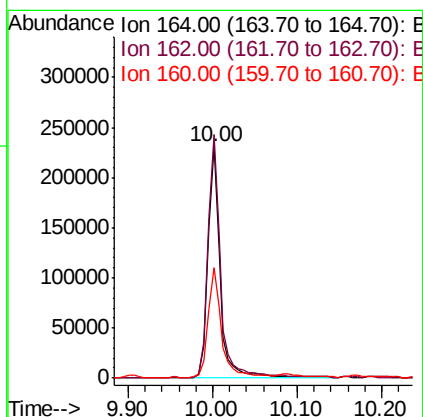
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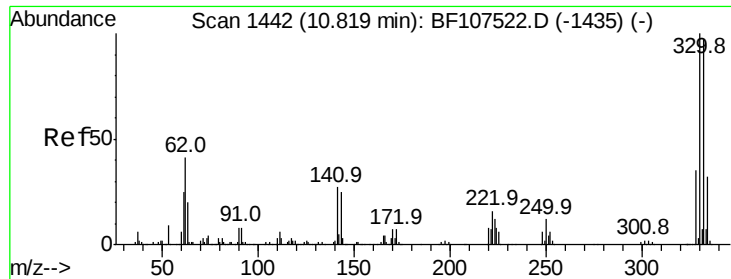
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107773.D
Acq: 28 Jul 2018 4:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.8	38.3	57.5





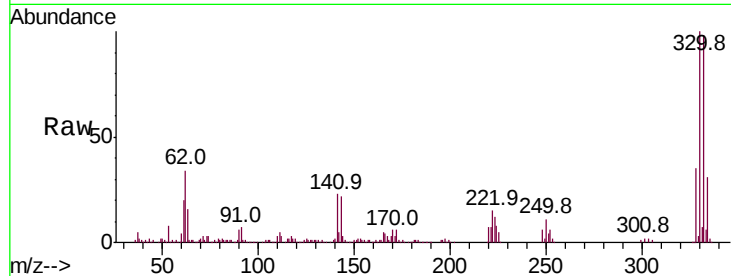
#41
 2,4,6-Tribromophenol
 Concen: 127.090 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107773.D
 Acq: 28 Jul 2018 4:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

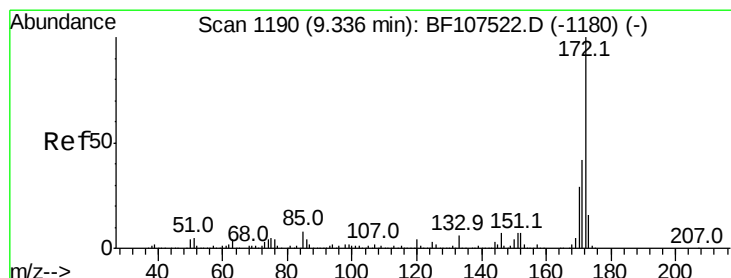
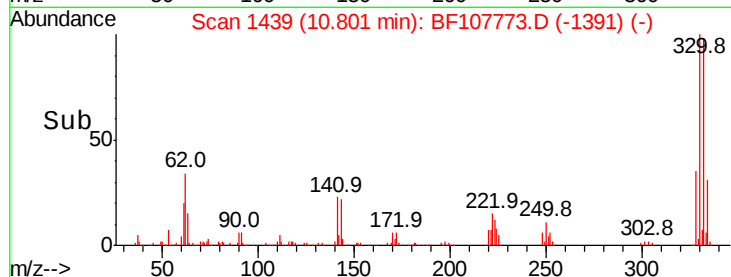
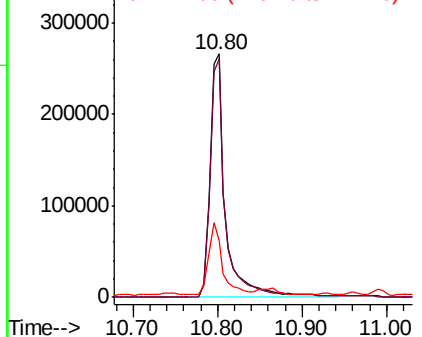
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.9	77.0	115.6	
141	25.6	29.9	44.9	

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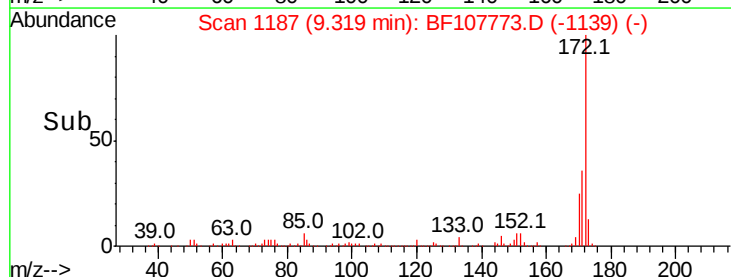
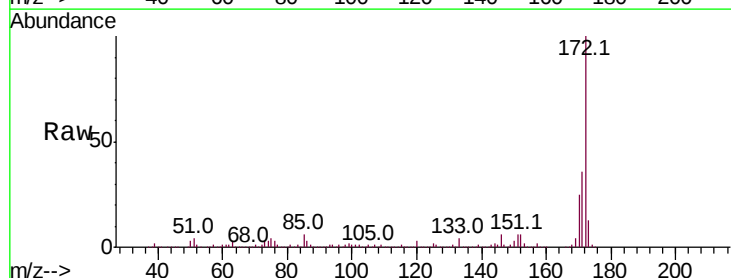
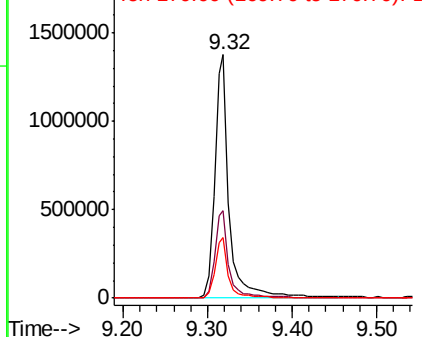
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

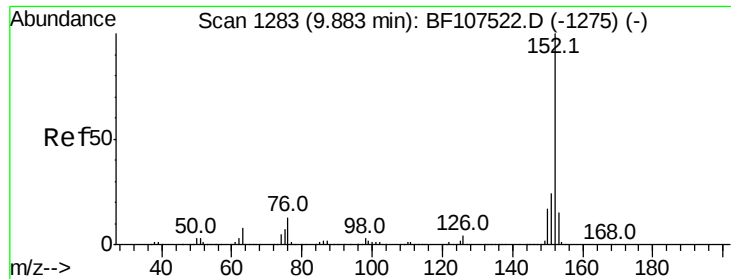


#44
 2-Fluorobiphenyl
 Concen: 146.433 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107773.D
 Acq: 28 Jul 2018 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.9	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





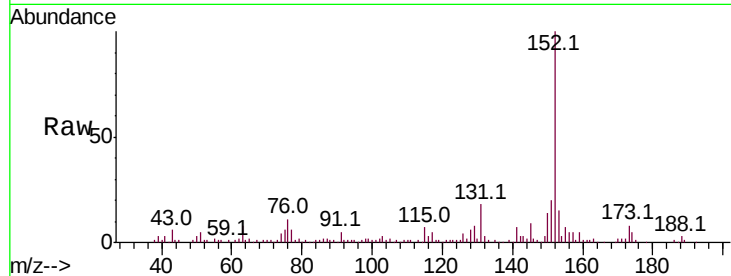
#48
Acenaphthylene
Concen: 6.232 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF107773.D
Acq: 28 Jul 2018 4:16

Instrument :
BNA_F
ClientSampleId :
MW-11B

Tot Ion	Ratio	Resp	Lower	Upper
152	100	148438		
151	20.3		16.3	24.5
153	15.0		10.7	16.1

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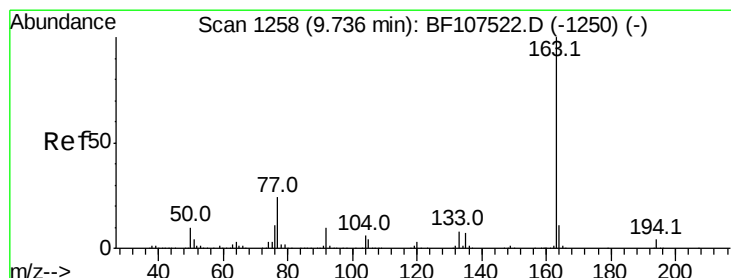
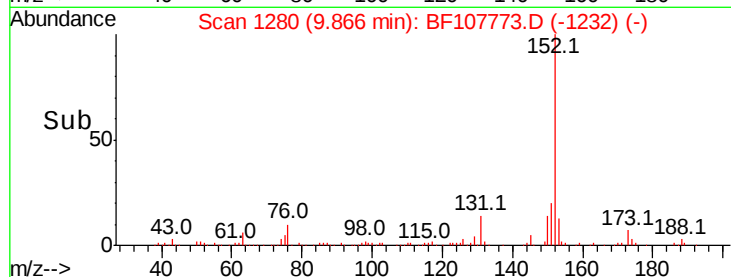
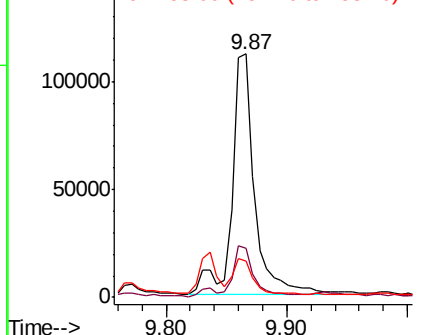


Abundance

Ion 152.00 (151.70 to 152.70): E

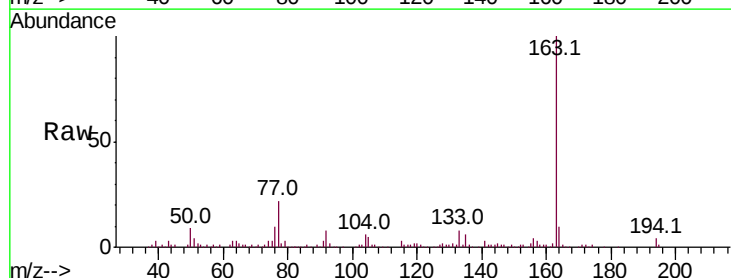
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49
Dimethylphthalate
Concen: 7.539 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107773.D
Acq: 28 Jul 2018 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	135300		
194	3.9		2.7	4.1
164	10.1		8.2	12.2

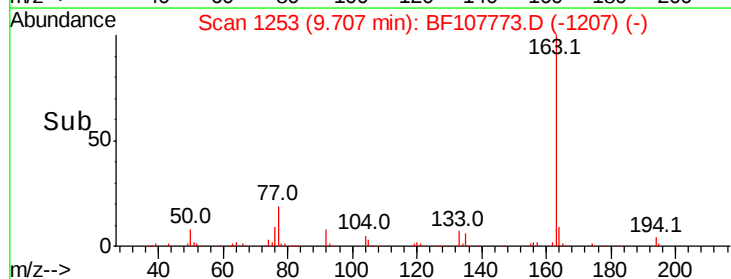
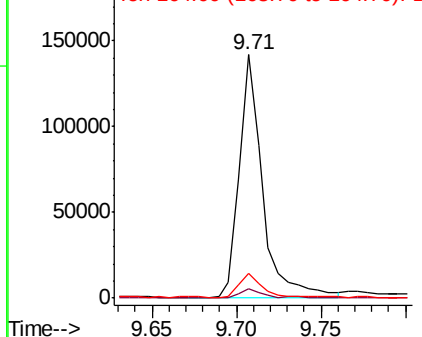


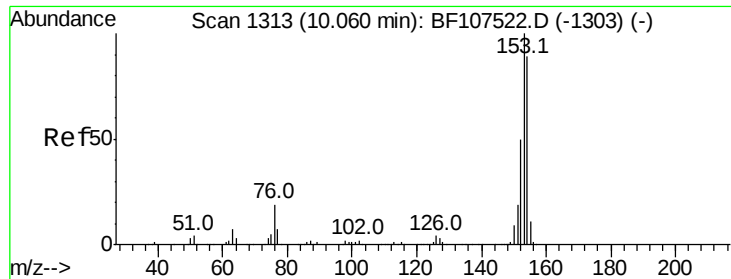
Abundance

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





#51

Acenaphthene

Concen: 7.176 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF107773.D

Acq: 28 Jul 2018 4:16

Instrument :

BNA_F

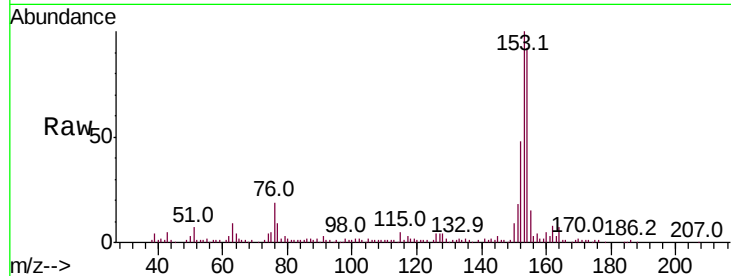
ClientSampled :

MW-11B

Tot Ion:	154	Resp:	107086
Ion Ratio	Lower	Upper	
154	100		
153	108.6	91.2	136.8
152	51.9	43.8	65.8

Manual Integrations
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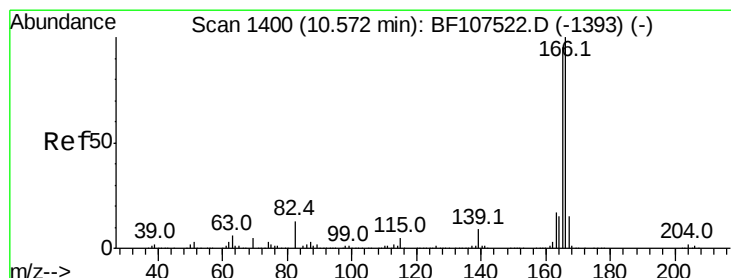
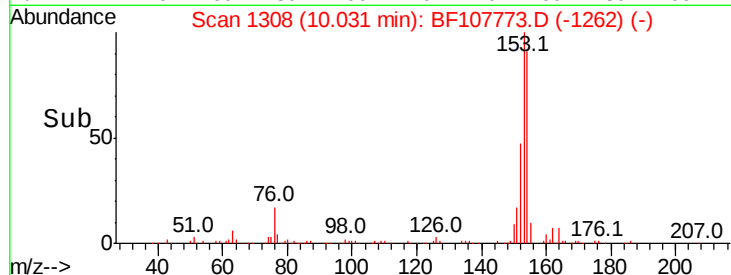
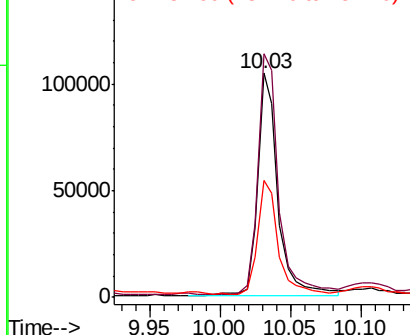


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 3.009 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF107773.D

Acq: 28 Jul 2018 4:16

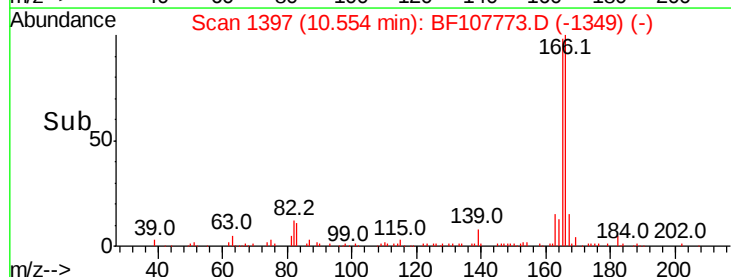
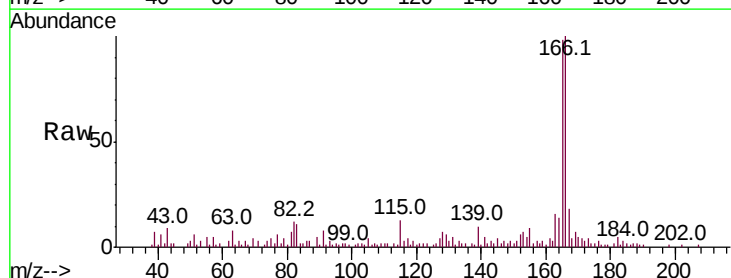
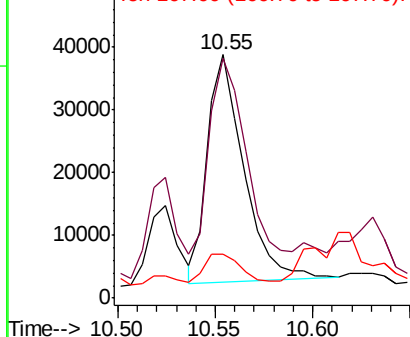
Tgt Ion:	166	Resp:	47164
Ion Ratio	Lower	Upper	
166	100		
165	98.3	79.8	119.8
167	17.9	10.6	16.0#

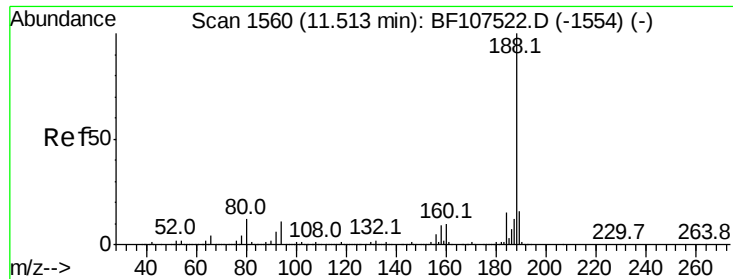
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





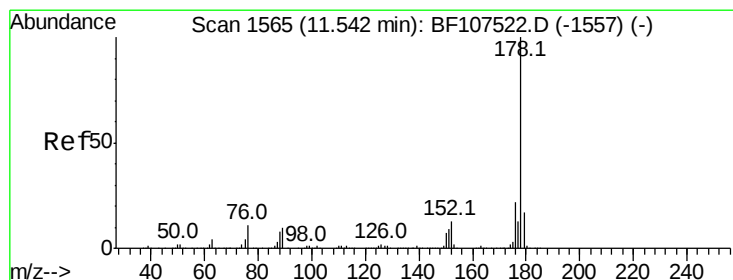
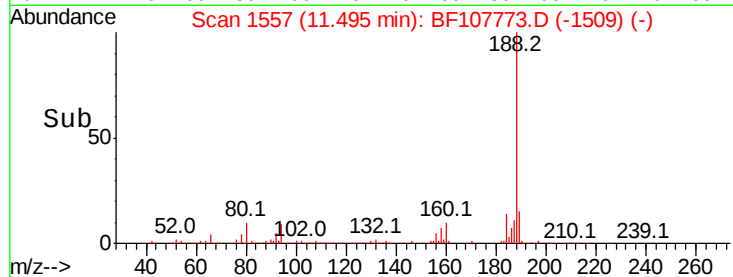
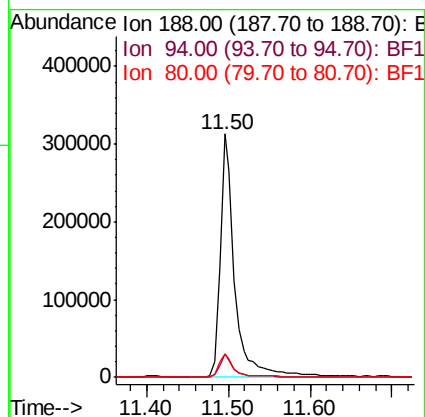
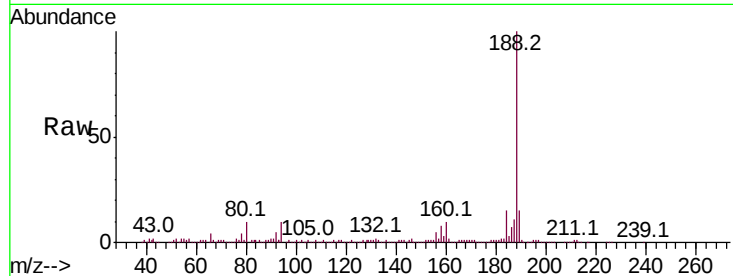
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107773.D
Acq: 28 Jul 2018 4:16

Instrument :
BNA_F
ClientSampleId :
MW-11B

Tot Ion:	188	Resp:	382598
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	9.9	9.2	13.8

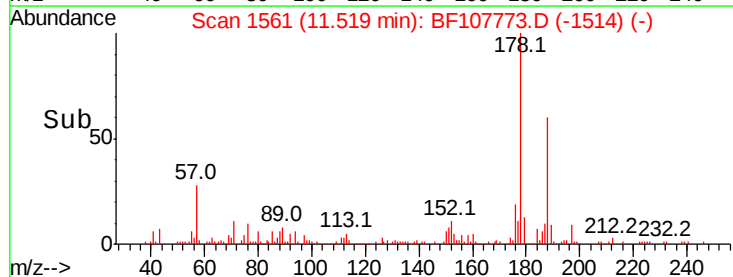
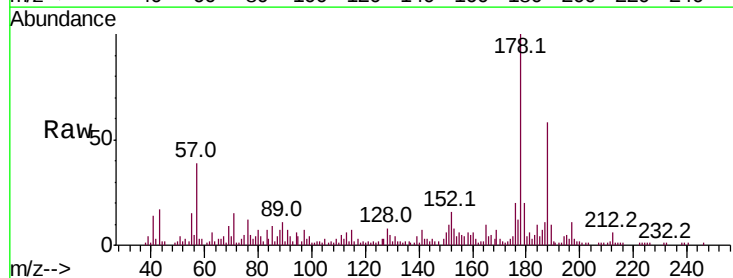
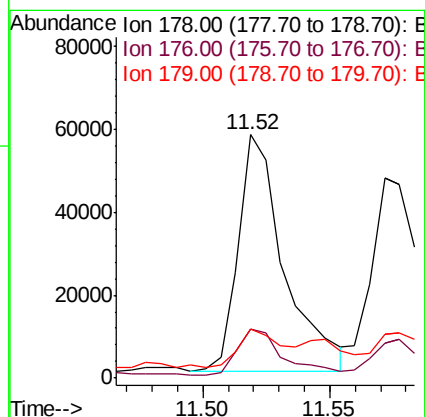
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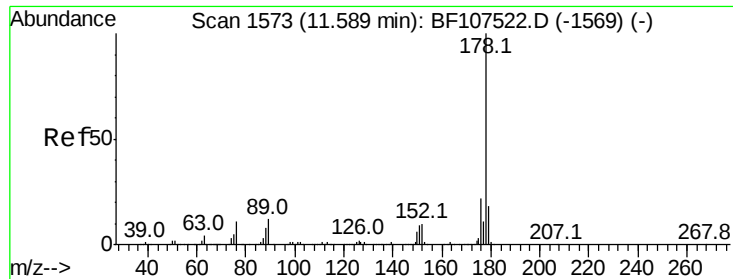
Sohil
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#70
Phenanthrene
Concen: 3.847 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107773.D
Acq: 28 Jul 2018 4:16

Tgt Ion:	178	Resp:	71729
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.8	23.8
179	20.1	13.0	19.6#





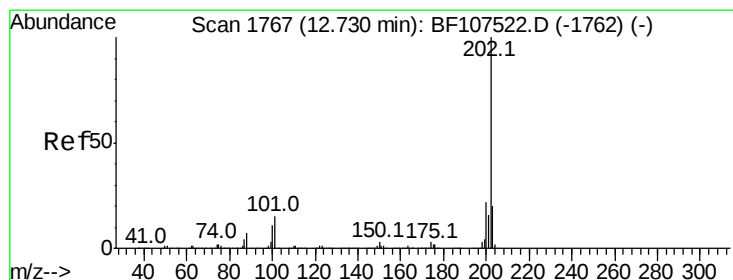
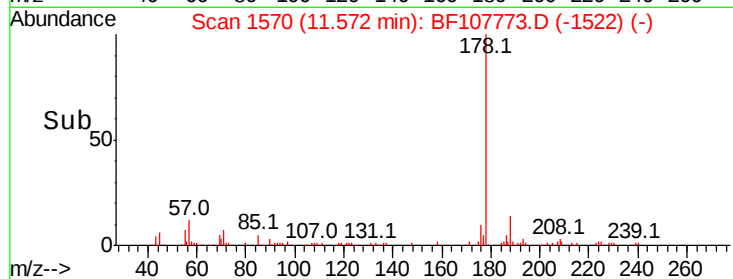
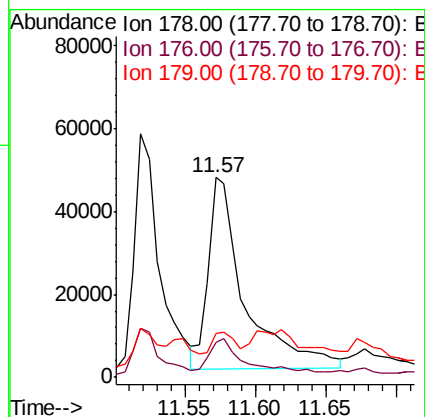
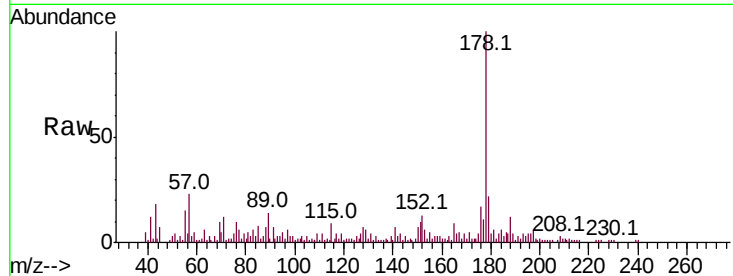
#71
 Anthracene
 Concen: 4.473 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF107773.D
 Acq: 28 Jul 2018 4:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

Tot Ion:	178	Resp:	83961
Ion Ratio	Lower	Upper	
178	100		
176	17.4	15.4	23.2
179	22.1	12.6	19.0#

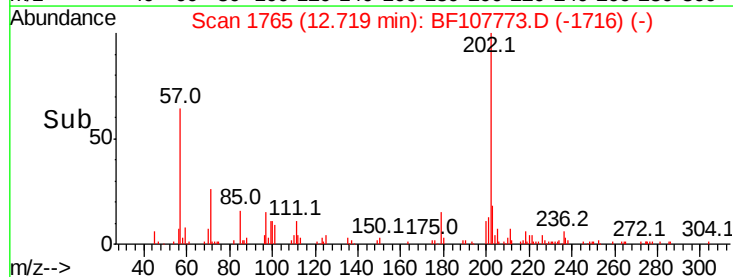
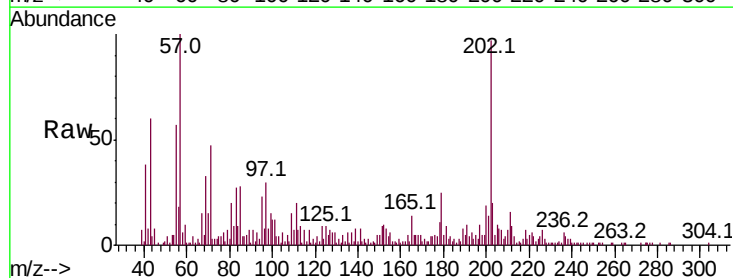
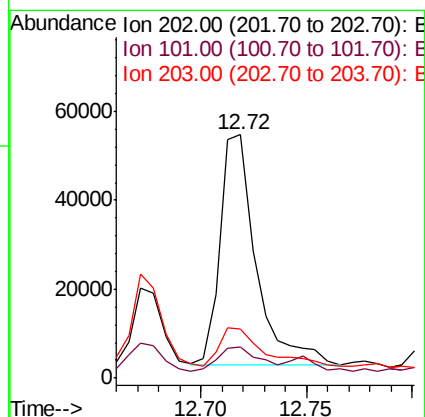
Manual Integrations
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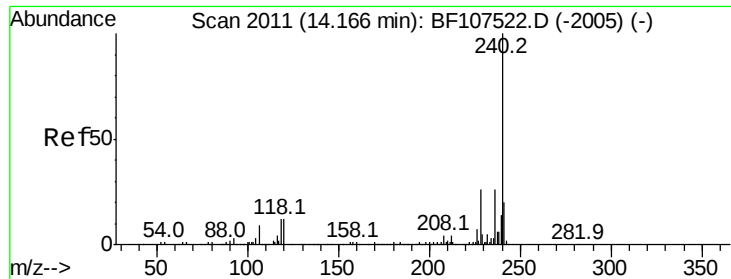
Sohil
 7/30/2018 2:03:35 PM



#74
 Fluoranthene
 Concen: 3.046 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF107773.D
 Acq: 28 Jul 2018 4:16

Tgt Ion:	202	Resp:	60939
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	20.3	0.0	38.1





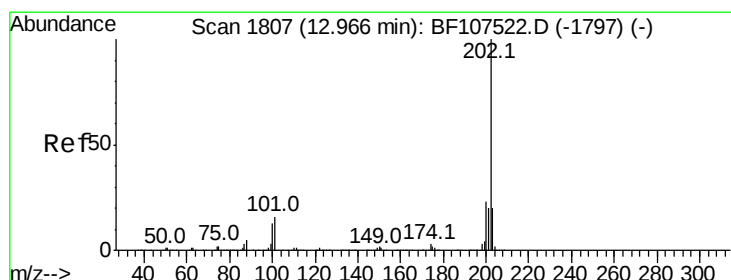
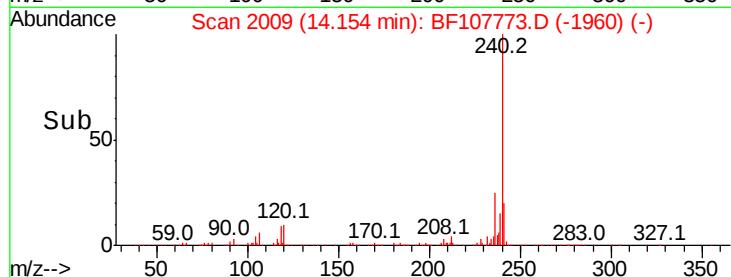
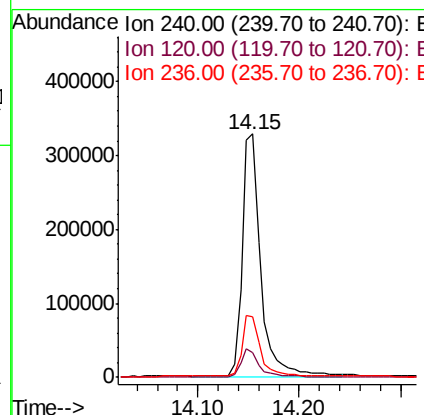
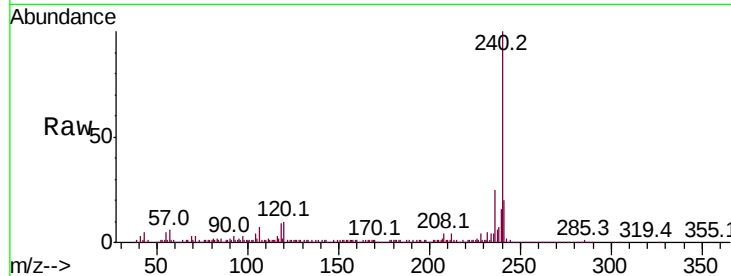
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF107773.D
 Acq: 28 Jul 2018 4:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.1	20.7	31.1

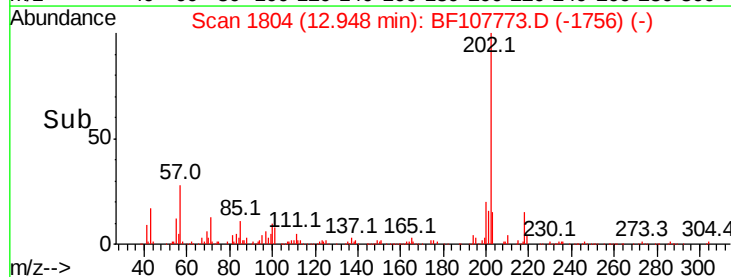
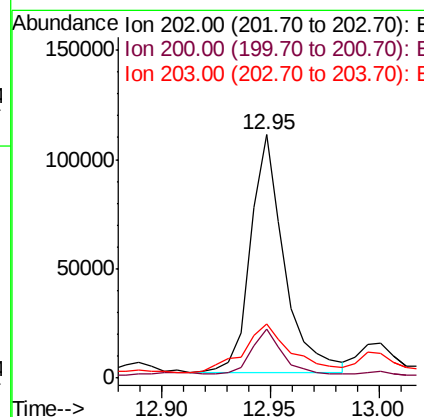
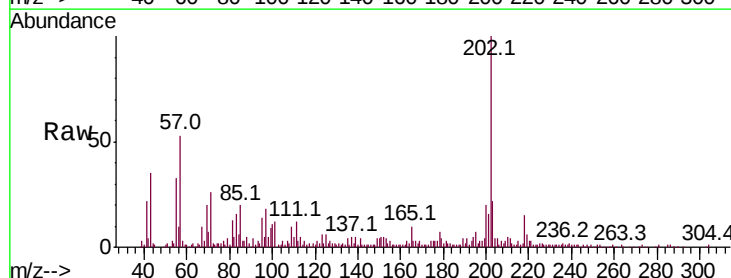
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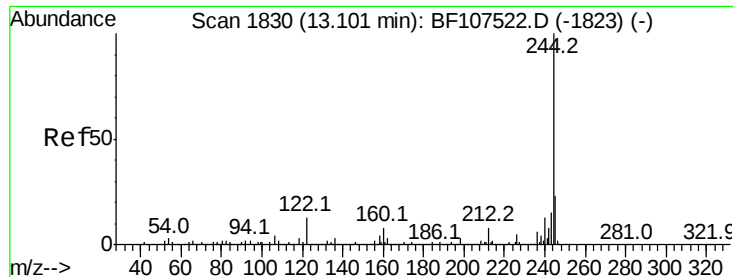
Sohil
 7/30/2018 2:03:35 PM



#77
 Pyrene
 Concen: 4.259 ng m
 RT: 12.95 min Scan# 1804
 Delta R.T. -0.02 min
 Lab File: BF107773.D
 Acq: 28 Jul 2018 4:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	22.2	14.3	21.5#





#78

Terphenyl-d14

Concen: 86.682 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107773.D

Acq: 28 Jul 2018 4:16

Instrument :

BNA_F

ClientSampleId :

MW-11B

Tot Ion:244 Resp: 1401254

Ion Ratio Lower Upper

244 100

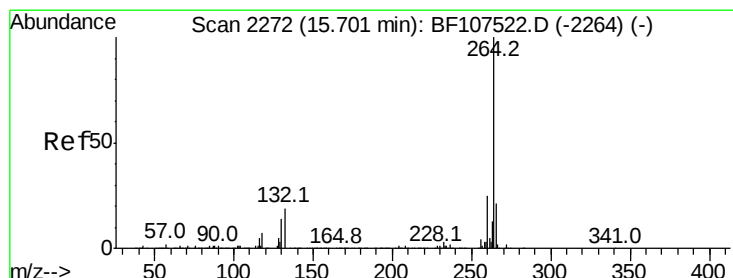
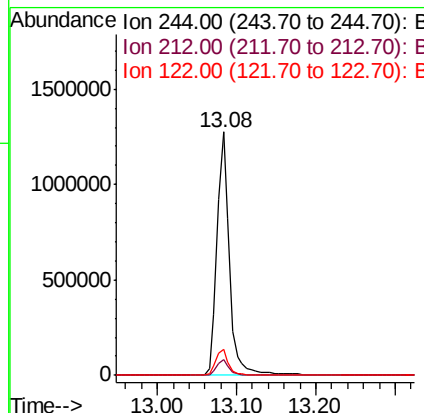
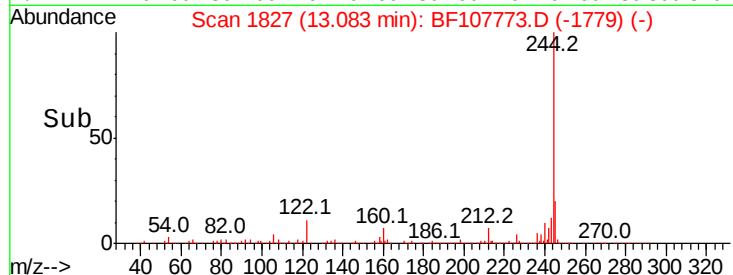
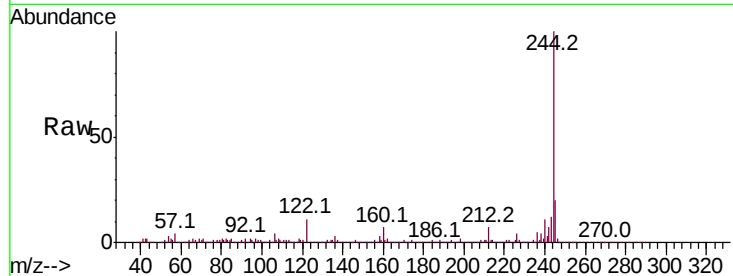
212 6.7 5.4 8.0

122 10.8 11.0 16.4#

Manual Integrations
APPROVED

Sohil

7/30/2018 2:03:35 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF107773.D

Acq: 28 Jul 2018 4:16

Tgt Ion:264 Resp: 323078

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.7 17.5 26.3

