

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106833.D
 Acq On : 26 Jun 2018 19:53
 Operator : JU/SJ
 Sample : J3642-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Manual Integrations
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Quant Time: Jun 27 02:20:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	48721	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	172562	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	74629	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	143859	20.00	ng	0.00
75) Chrysene-d12	14.15	240	144027	20.00	ng	-0.01
86) Perylene-d12	15.70	264	99512	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	297035	103.24	ng	0.01
7) Phenol-d6	6.61	99	369992	102.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	234240	75.44	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	104427	120.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	377400	85.72	ng	0.00
78) Terphenyl-d14	13.08	244	438830	73.80	ng	0.00

Target Compounds

						Qvalue
31) Naphthalene	8.27	128	41363	5.127	ng	98
37) 2-Methylnaphthalene	8.95	142	22540	4.215	ng	94
49) Dimethylphthalate	9.71	163	55375	9.893	ng	# 98
51) Acenaphthene	10.04	154	87712	18.845	ng	97
54) Dibenzofuran	10.21	168	60658	9.518	ng	94
57) Fluorene	10.55	166	87714	17.344	ng	99
70) Phenanthrene	11.52	178	302140	43.545	ng	99
71) Anthracene	11.57	178	84640	11.951	ng	98
72) Carbazole	11.73	167	13302	2.006	ng	98
74) Fluoranthene	12.72	202	381534	49.888	ng	96
77) Pyrene	12.95	202	312537	32.907	ng	98
80) Benzo(a)anthracene	14.14	228	93588	10.662	ng	97
82) Chrysene	14.18	228	82485	10.214	ng	97
83) Bis(2-ethylhexyl)phthalate	14.10	149	13598	2.724	ng	# 90
85) Indeno(1,2,3-cd)pyrene	17.27	276	18882	2.755	ng	91
87) Benzo(b)fluoranthene	15.24	252	65529m	10.601	ng	
88) Benzo(k)fluoranthene	15.27	252	16468m	2.797	ng	
89) Benzo(a)pyrene	15.63	252	32911	5.989	ng	95
91) Benzo(a,h,i)perylene	17.76	276	19077	4.191	ng	97

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

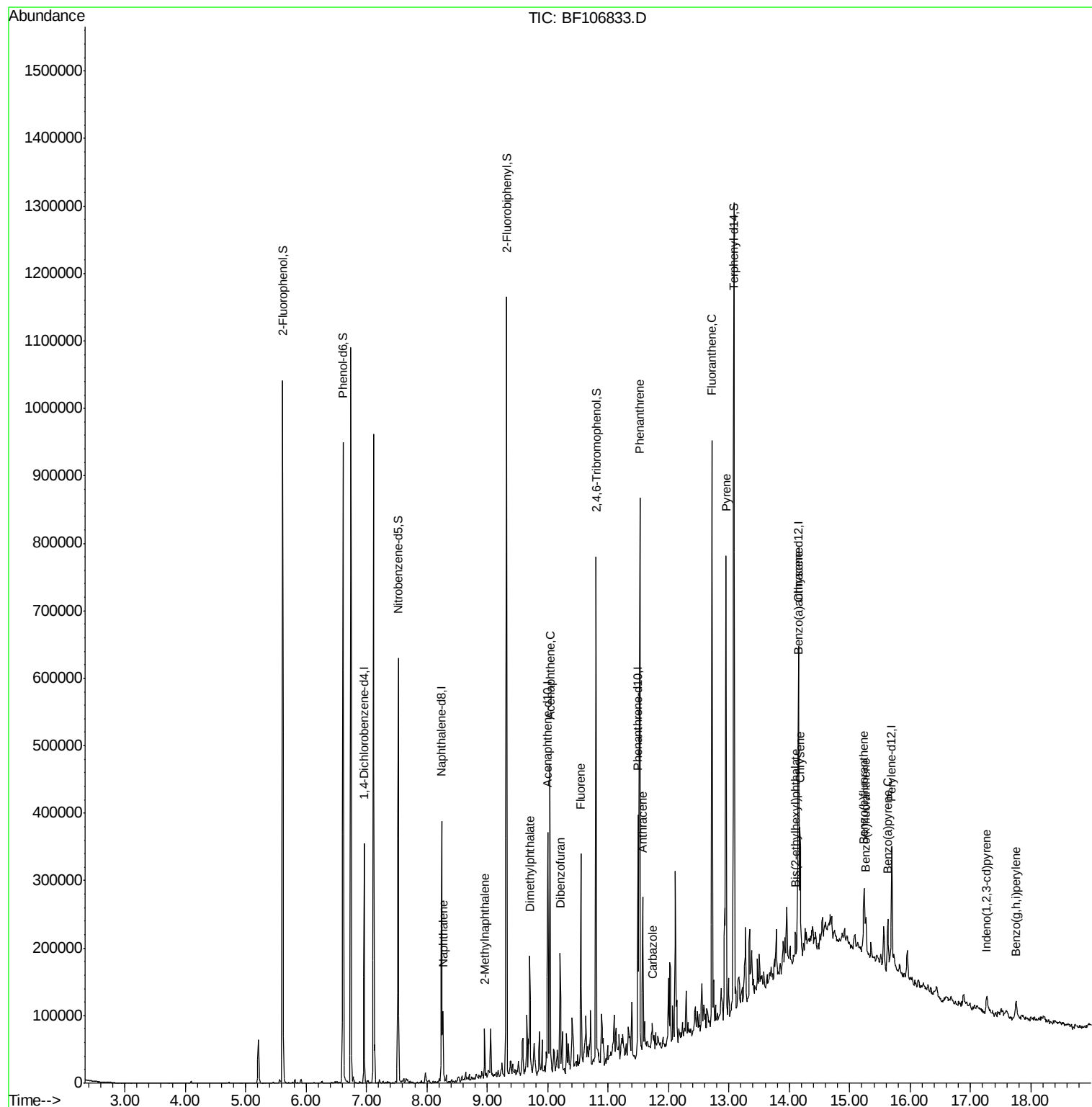
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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#1

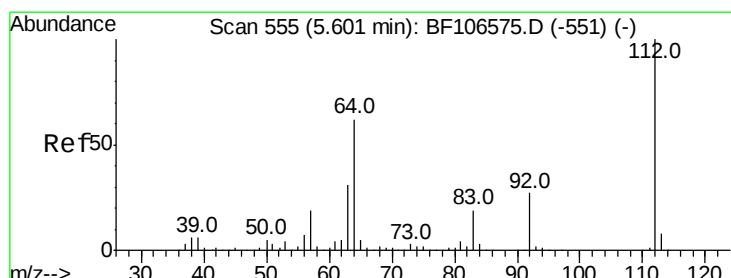
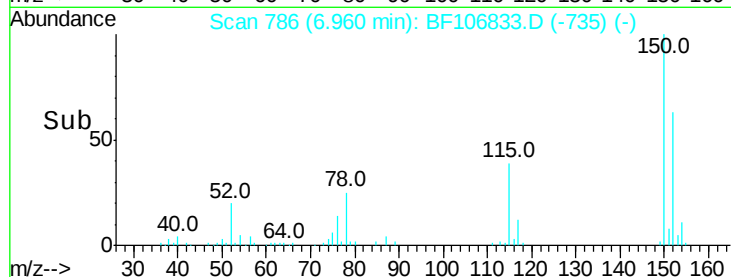
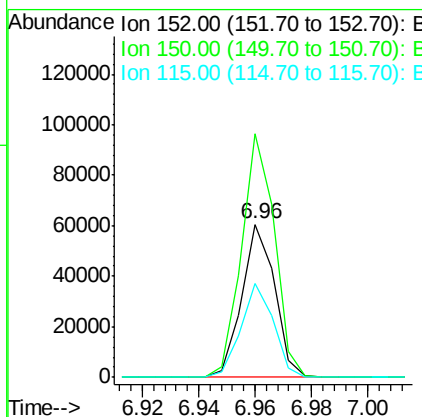
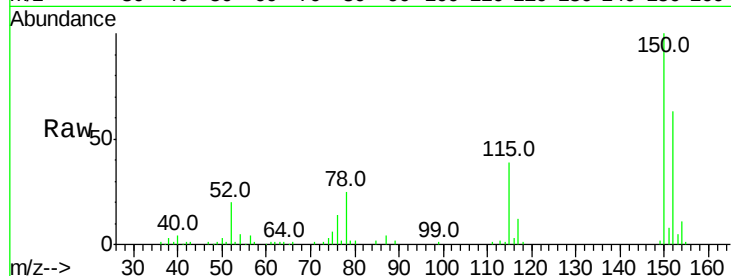
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	61.6	50.1	75.1

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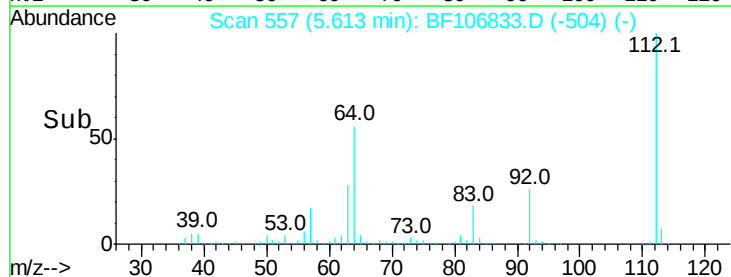
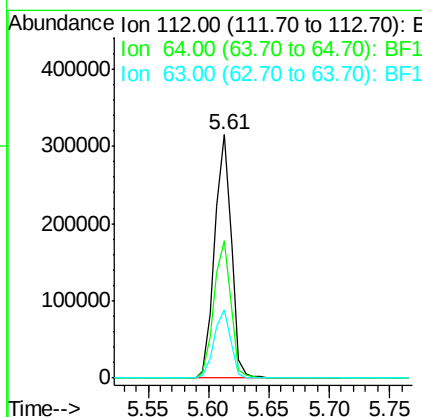
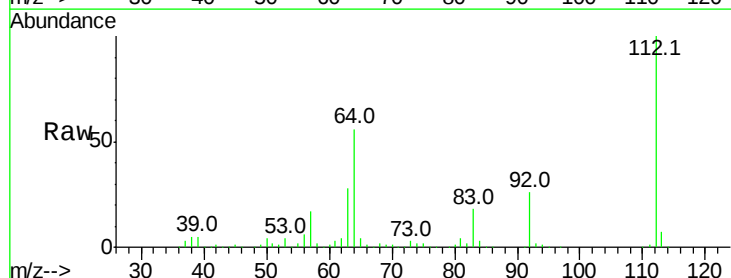
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#5

2-Fluorophenol
Concen: 103.236 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	28.2	23.7	35.5





#7

Phenol-d6

Concen: 102.972 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

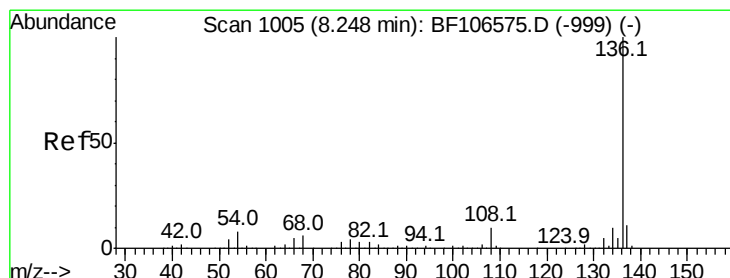
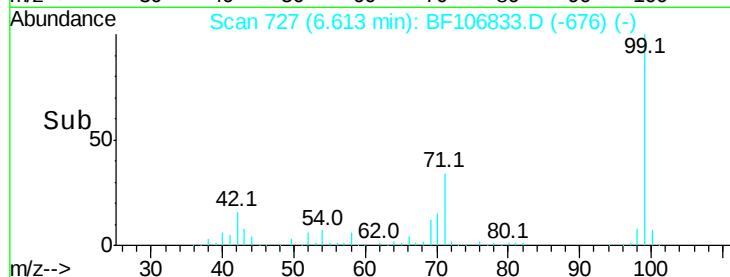
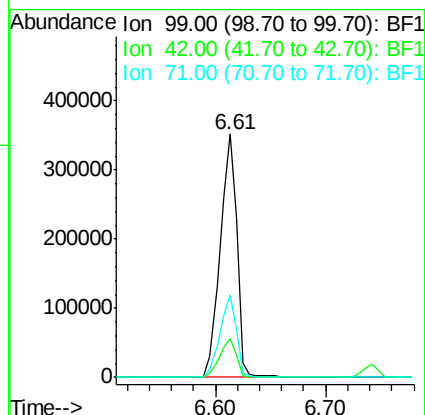
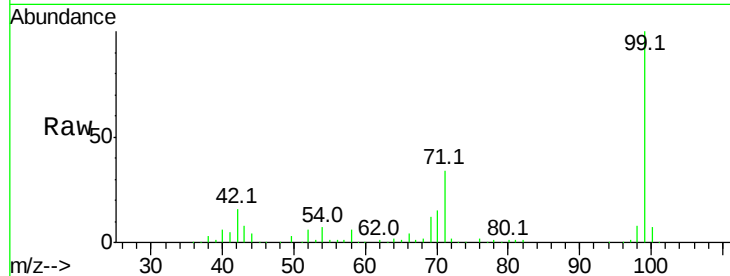
ClientSampleId :

TEST-PIT-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		369992		
42	15.9	14.5	21.7		
71	33.6	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

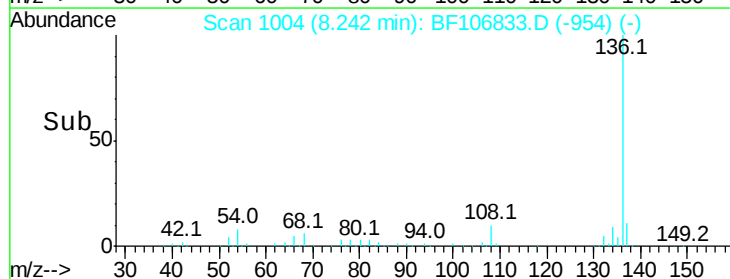
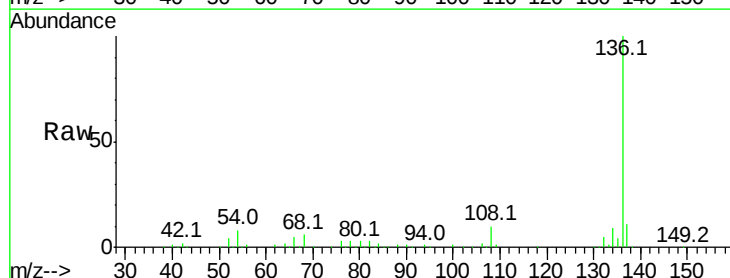
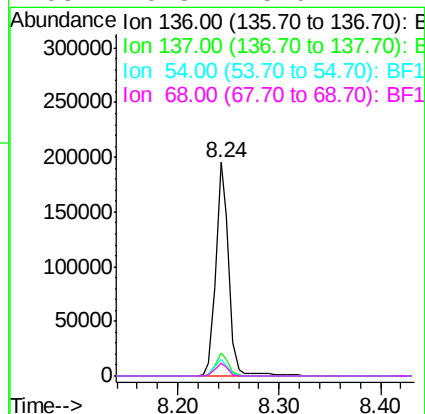
RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		172562		
137	11.0	8.9	13.3		
54	7.7	6.6	9.8		
68	6.3	5.0	7.4		





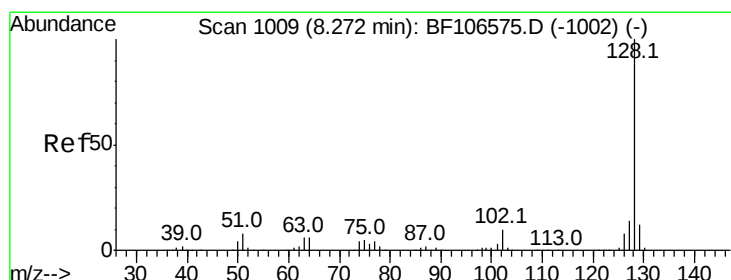
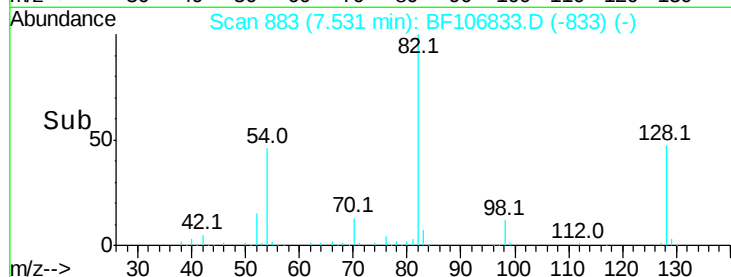
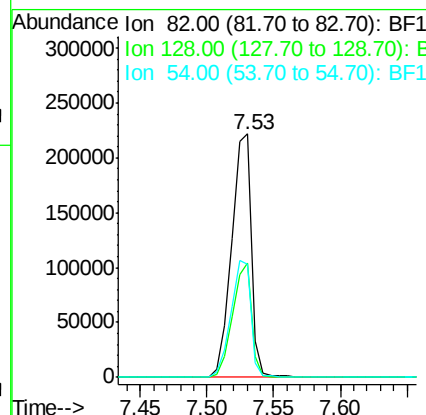
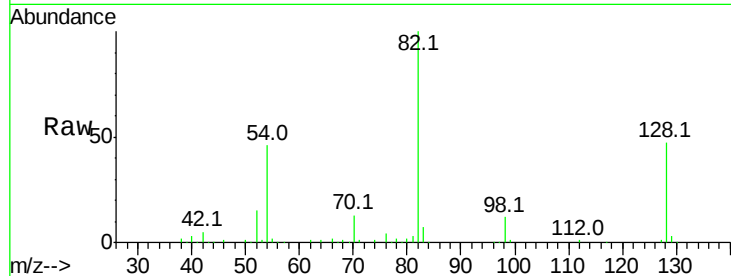
#23
Nitrobenzene-d5
Concen: 75.437 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
BNA_F
ClientSampled :
TEST-PIT-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	36.1	54.1	
54	46.3	41.4	62.2	

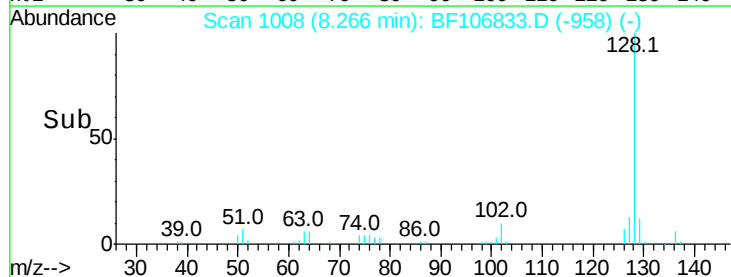
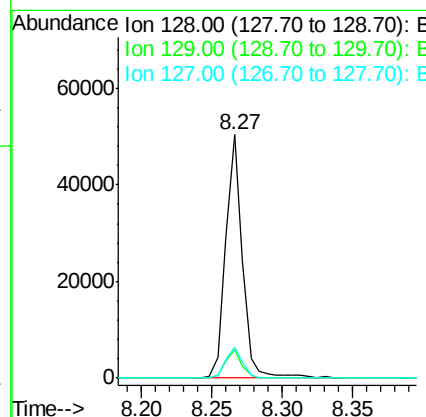
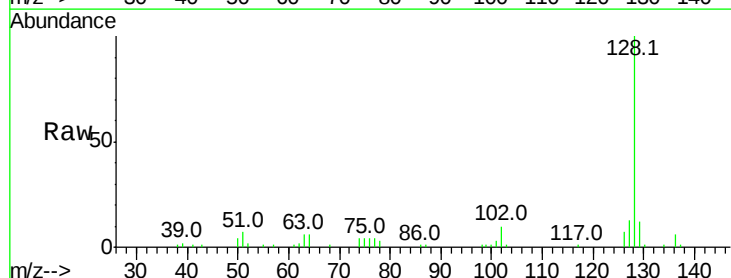
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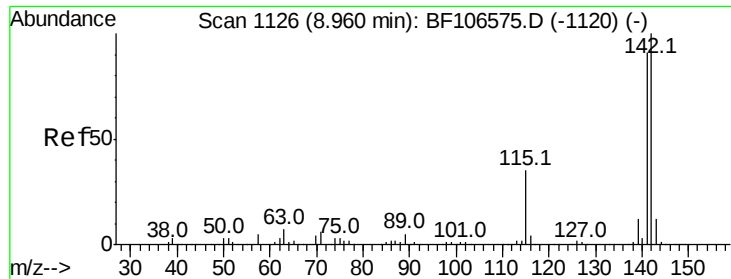
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#31
Naphthalene
Concen: 5.127 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.0	8.8	13.2	
127	12.9	10.9	16.3	





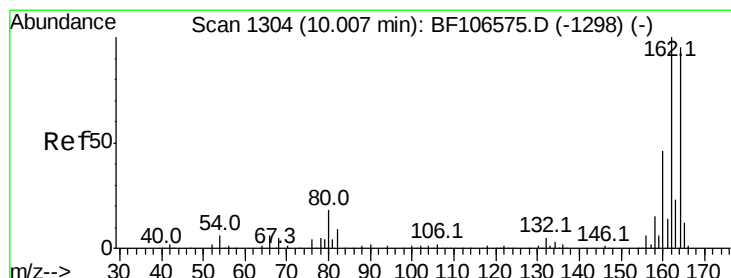
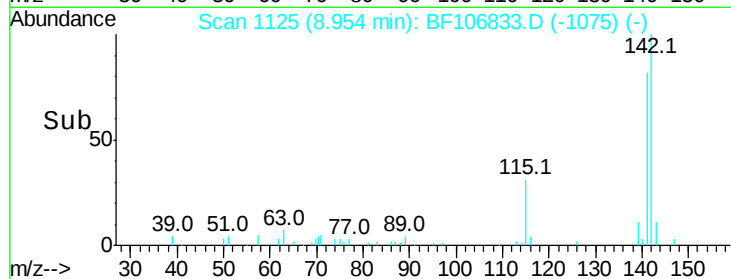
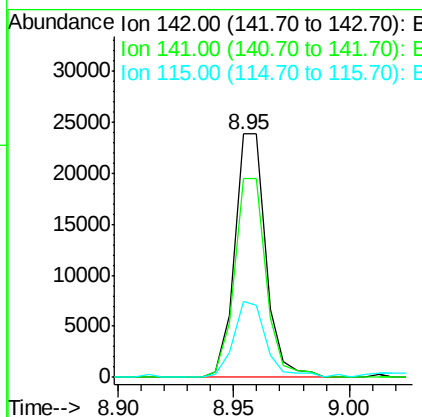
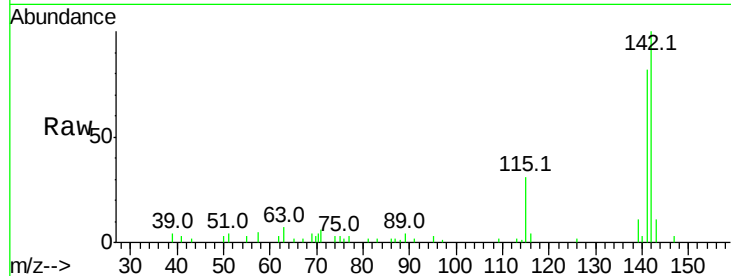
#37
 2-Methylnaphthalene
 Concen: 4.215 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	81.6	70.8	106.2
115	31.4	26.1	39.1

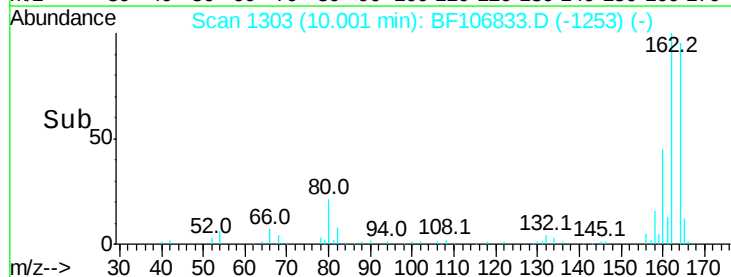
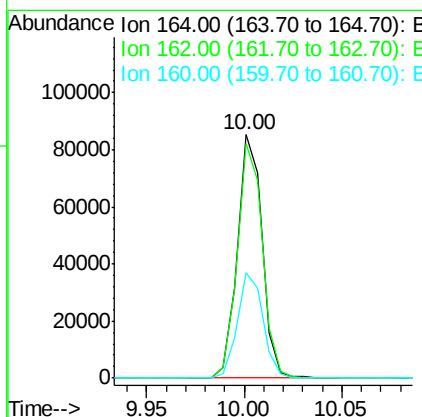
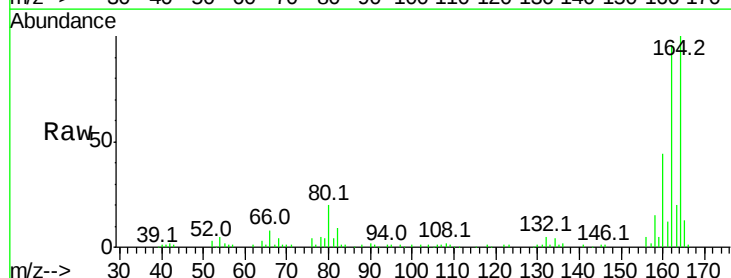
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	86.1	129.1
160	43.5	38.3	57.5





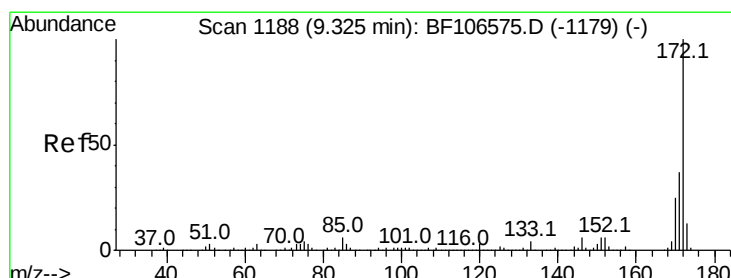
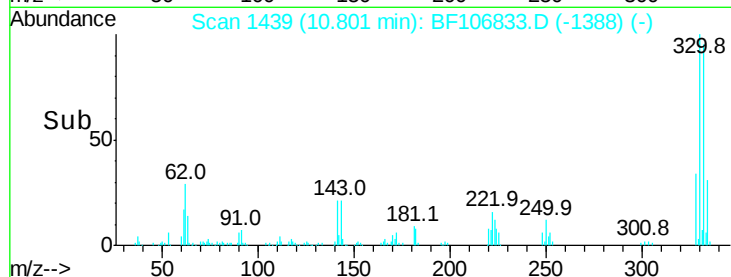
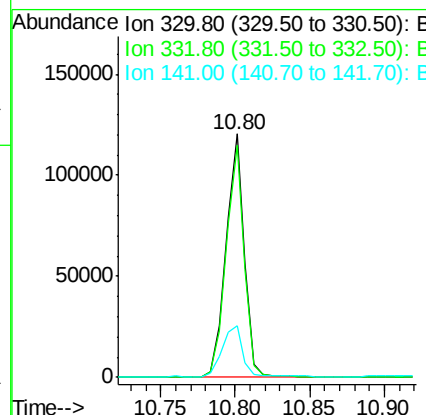
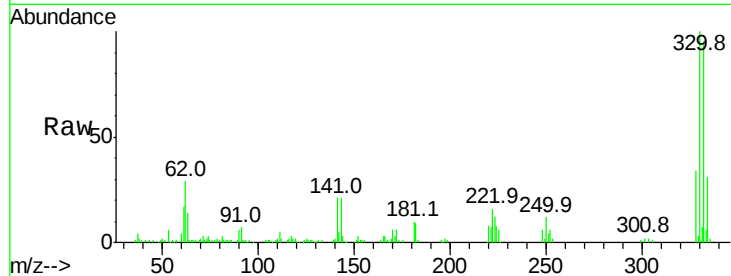
#41
 2,4,6-Tribromophenol
 Concen: 120.729 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	104427		
332	94.9	77.0	115.6	
141	23.3	29.9	44.9	

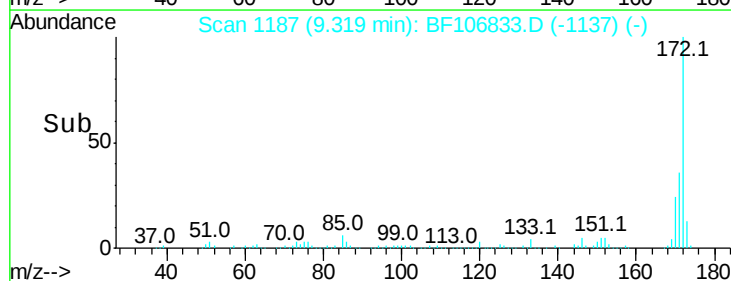
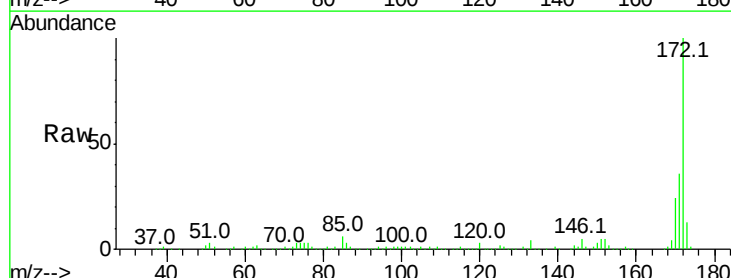
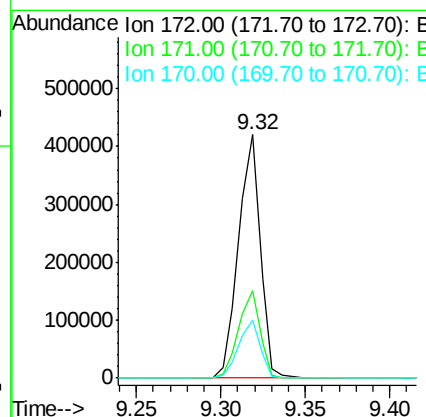
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#44
 2-Fluorobiphenyl
 Concen: 85.722 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	377400		
171	36.0	29.7	44.5	
170	23.9	19.6	29.4	





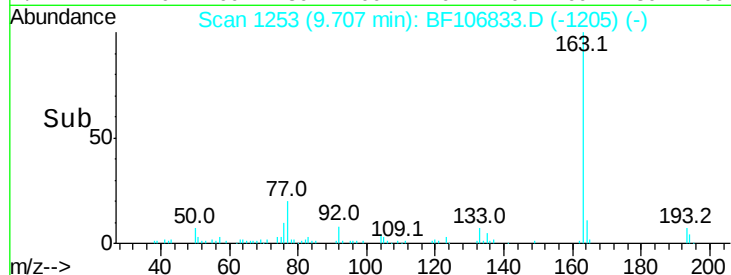
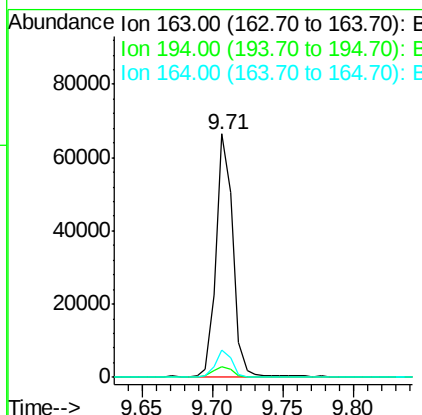
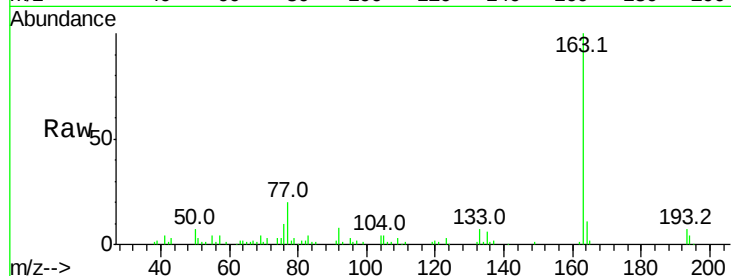
#49
Dimethylphthalate
Concen: 9.893 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.4	2.7	4.1#	
164	11.0	8.2	12.2	

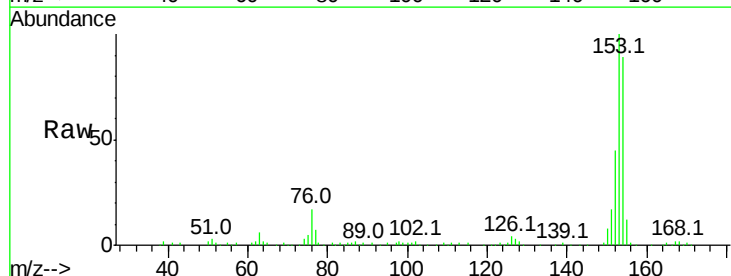
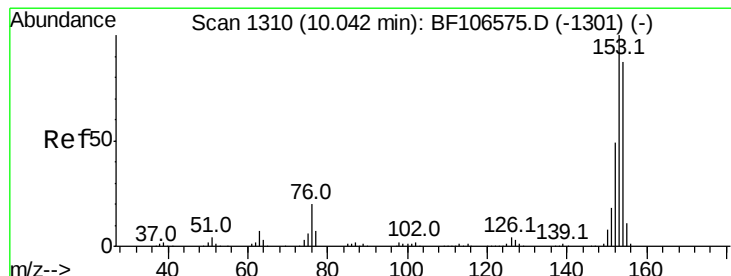
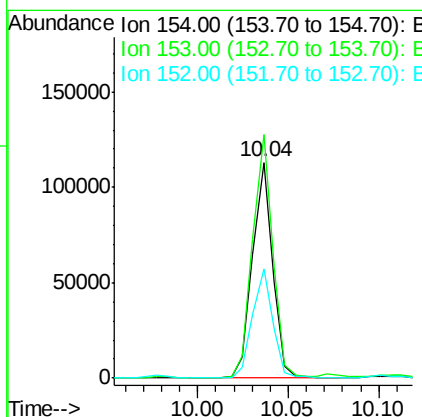
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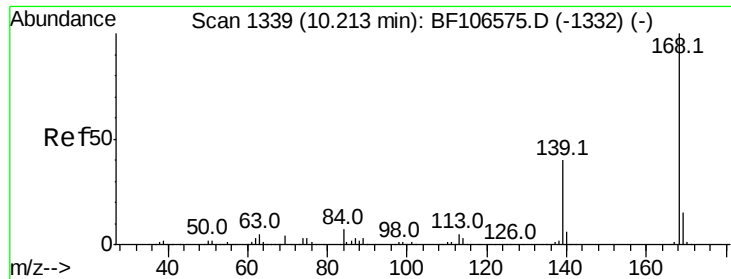
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#51
Acenaphthene
Concen: 18.845 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.0	91.2	136.8	
152	50.5	43.8	65.8	





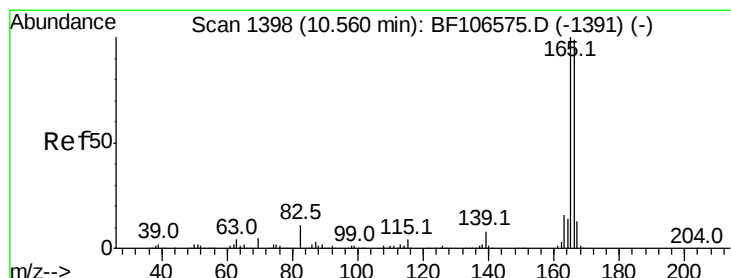
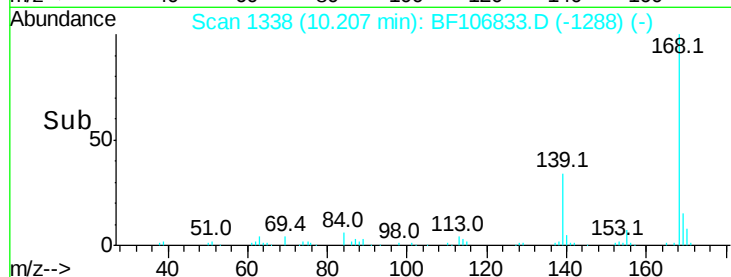
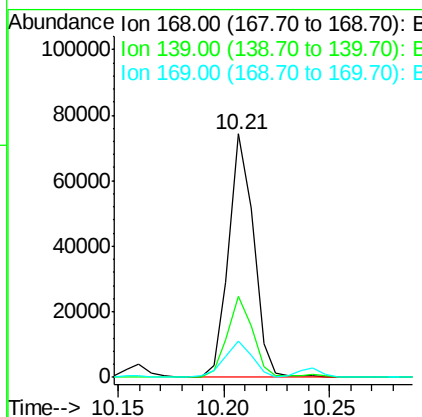
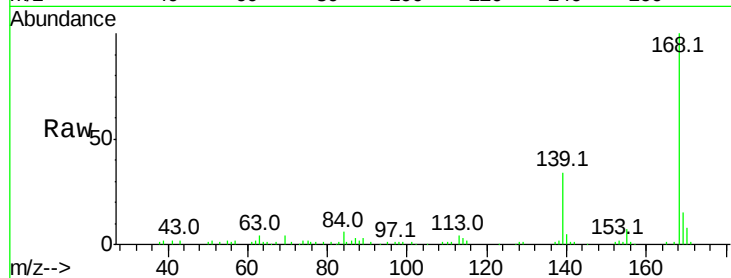
#54
Dibenzenofuran
Concen: 9.518 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
BNA_F
ClientSampled :
TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.5	30.1	45.1
169	14.7	10.9	16.3

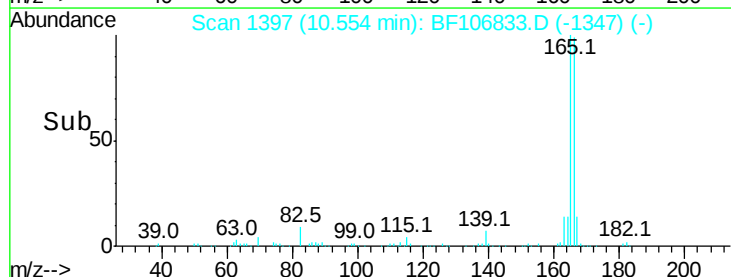
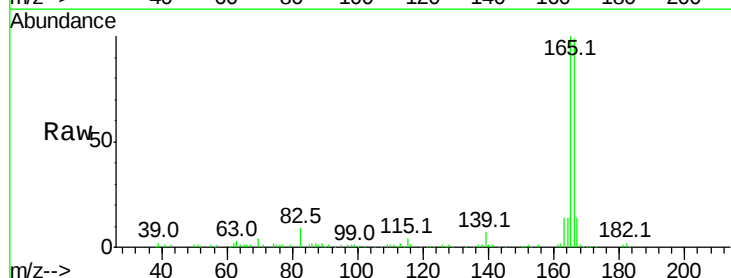
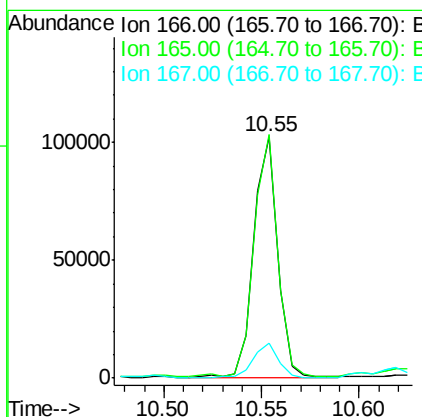
Manual Integrations
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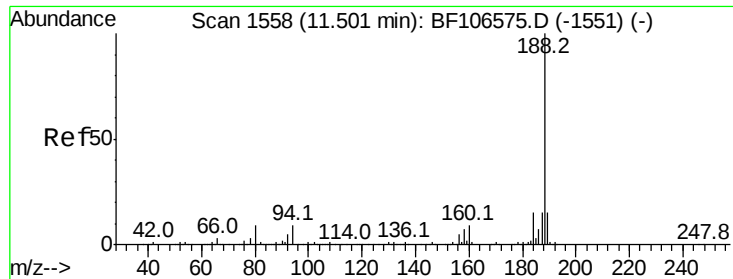
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#57
Fluorene
Concen: 17.344 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	14.6	10.6	16.0





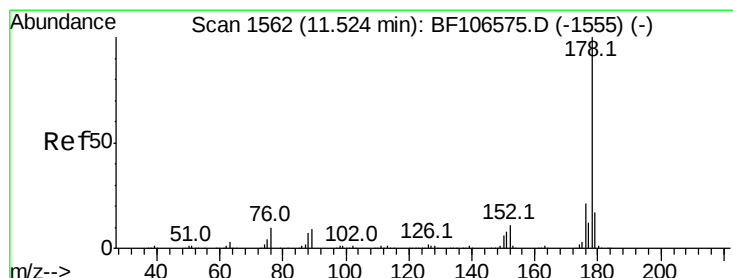
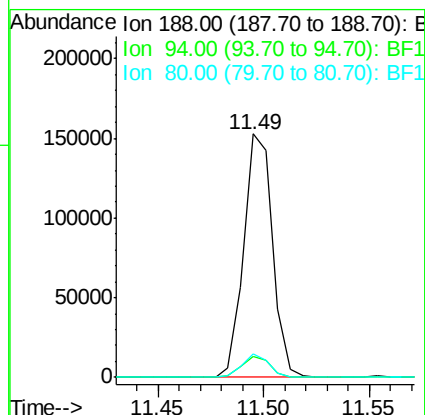
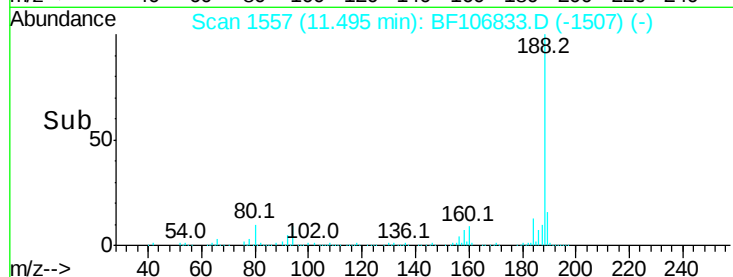
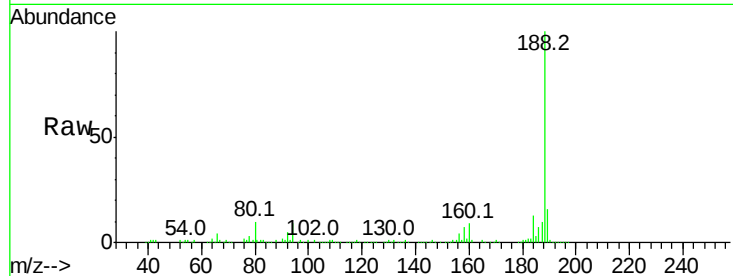
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.5	9.2	13.8

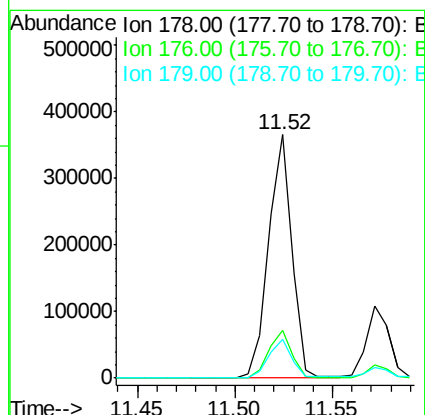
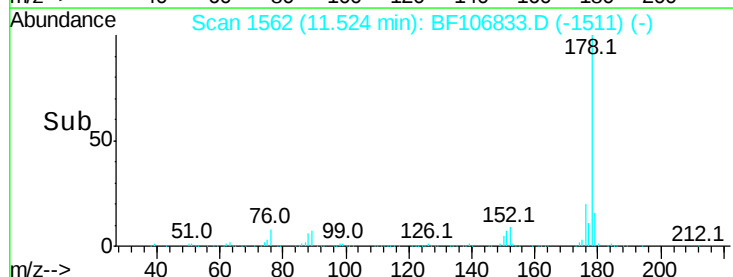
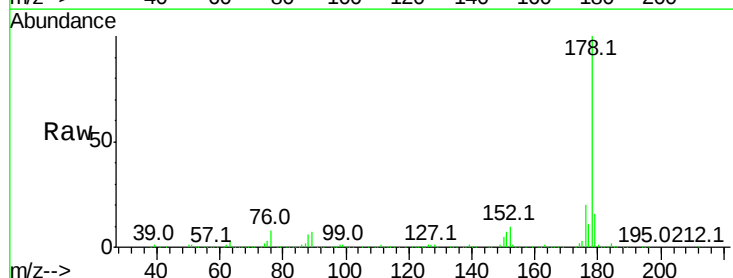
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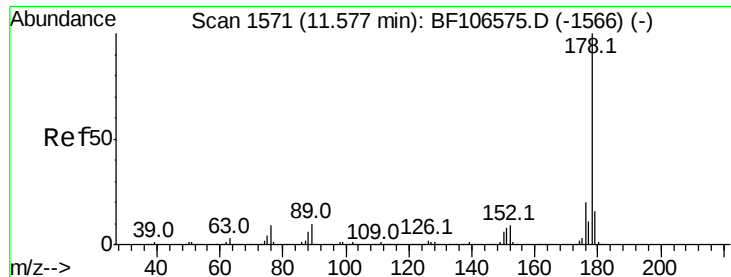
Sohil
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#70
Phenanthrene
Concen: 43.545 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.9	13.0	19.6





#71

Anthracene

Concen: 11.951 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

Tot Ion:178 Resp: 84640

Ion Ratio Lower Upper

178 100

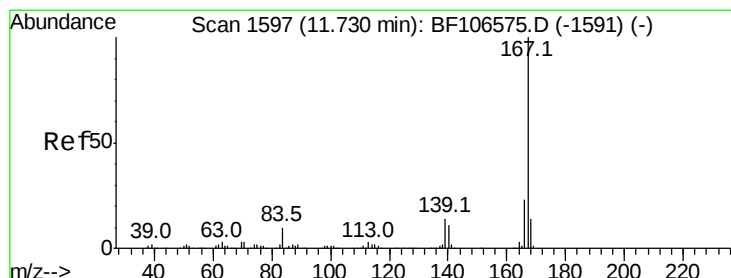
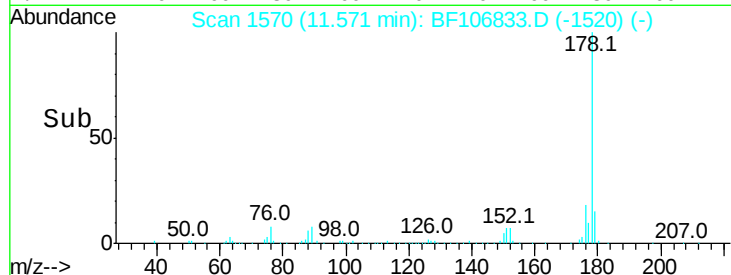
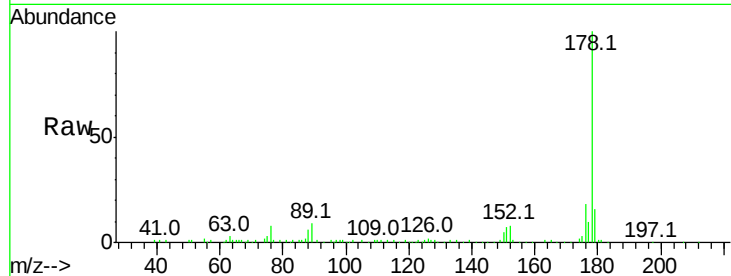
176 18.2 15.4 23.2

179 15.6 12.6 19.0

Manual Integrations
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#72

Carbazole

Concen: 2.006 ng

RT: 11.73 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

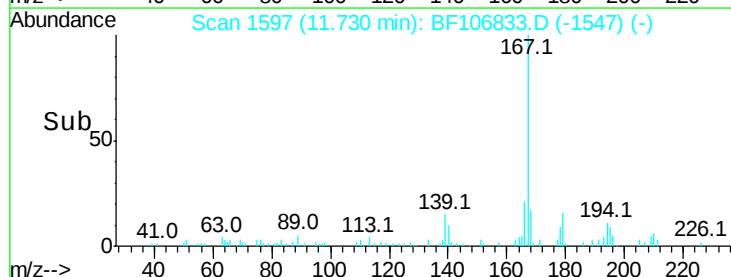
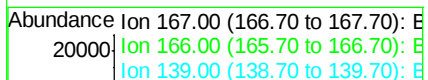
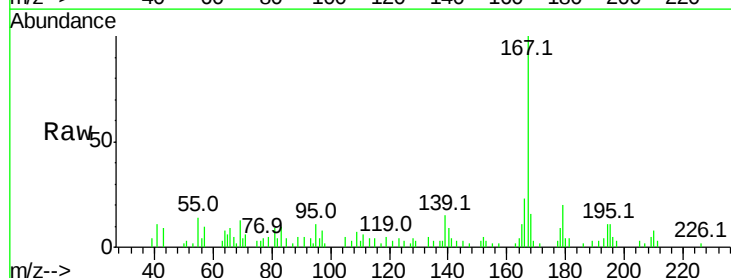
Tgt Ion:167 Resp: 13302

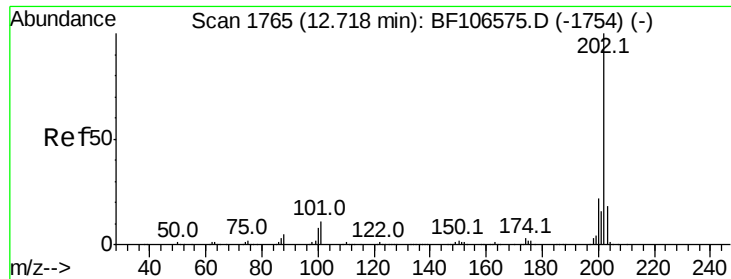
Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

139 14.7 10.9 16.3





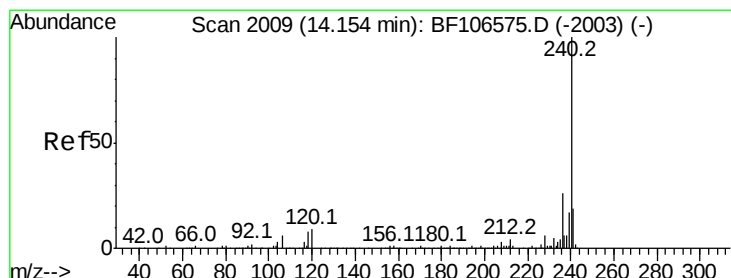
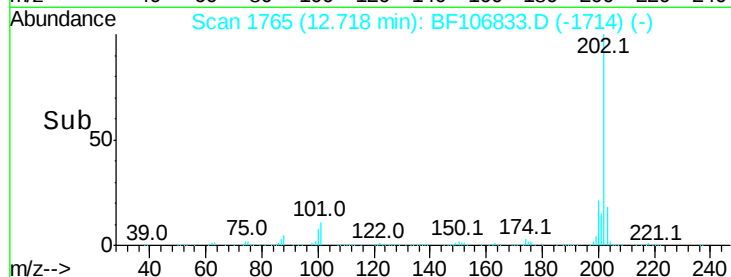
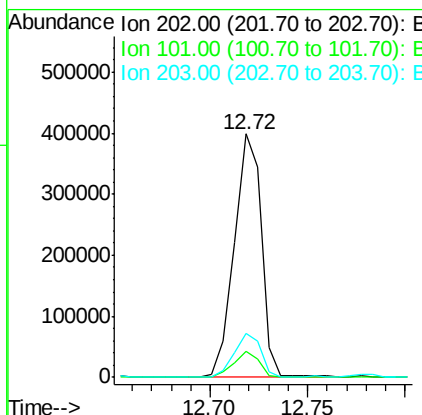
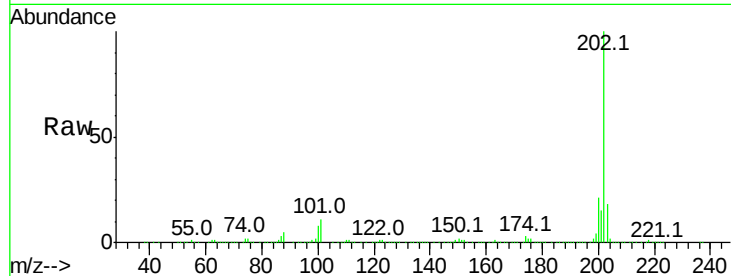
#74
 Fluoranthene
 Concen: 49.888 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	34.1
203	17.9	0.0	38.1

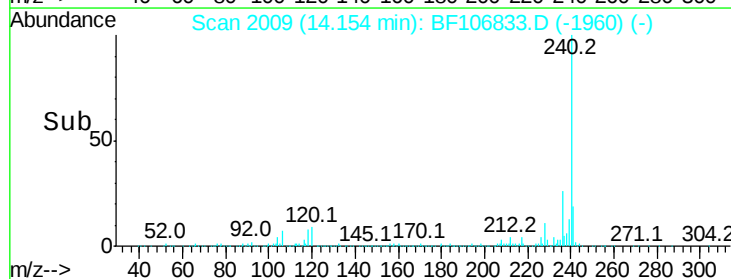
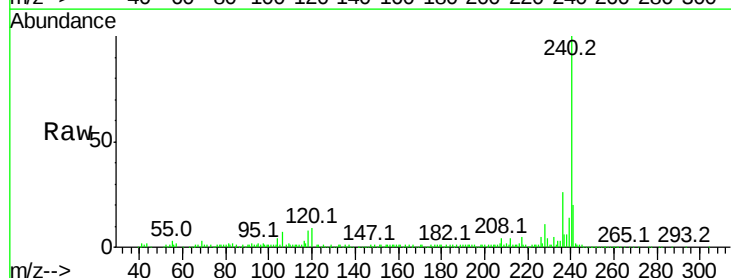
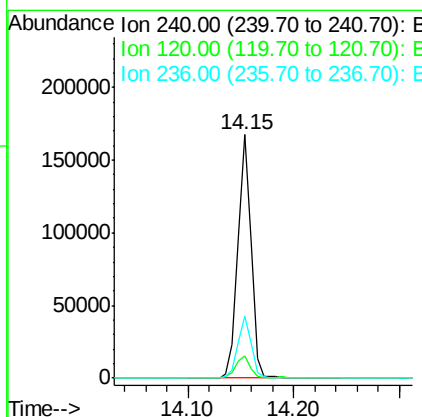
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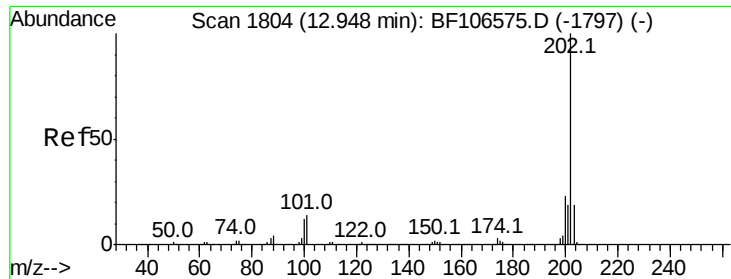
Sohil
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.6	20.7	31.1





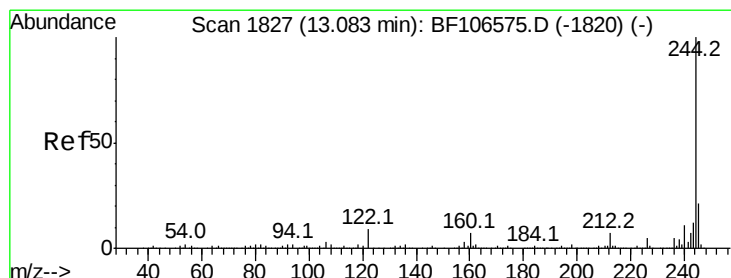
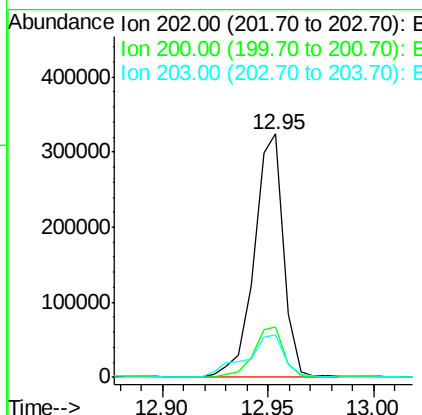
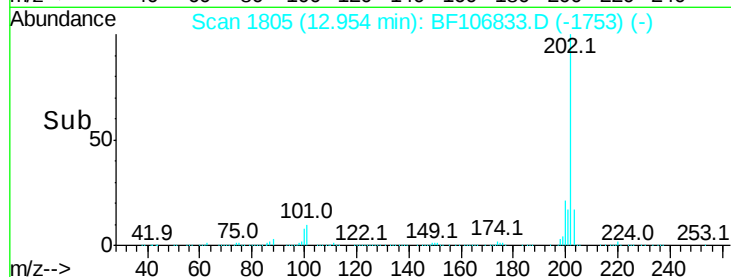
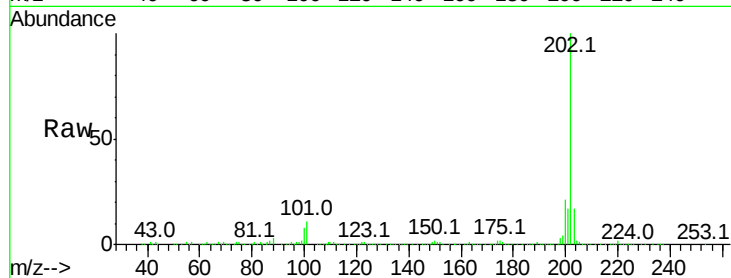
#77
Pvrene
Concen: 32.907 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.4	14.3	21.5

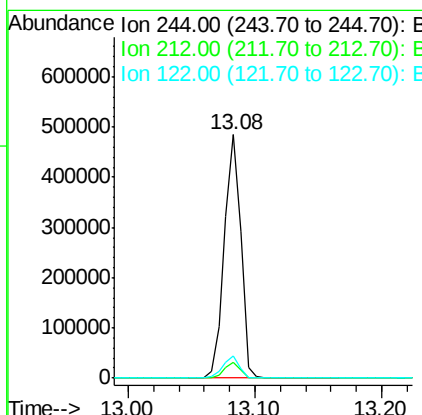
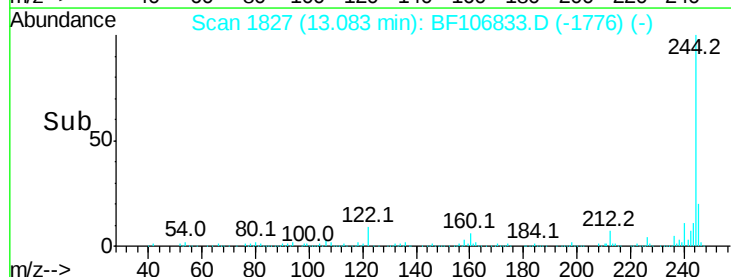
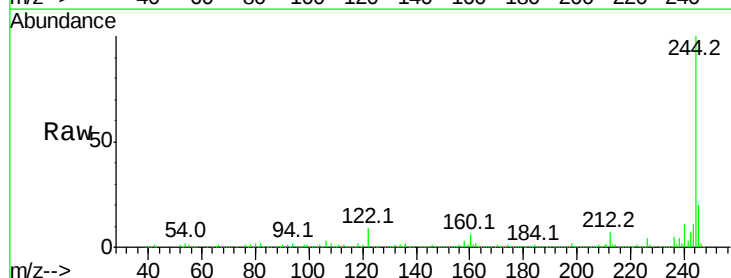
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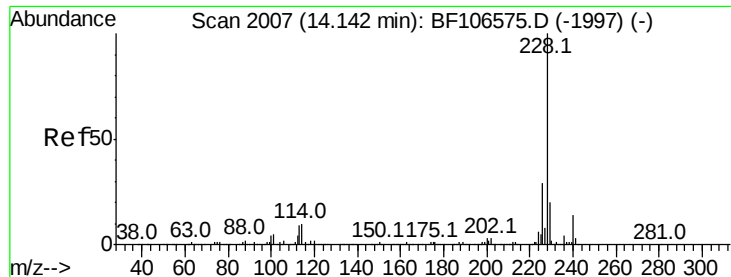
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#78
Terphenyl-d14
Concen: 73.804 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.9	11.0	16.4#





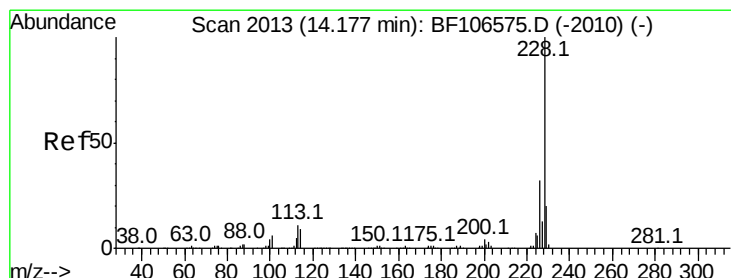
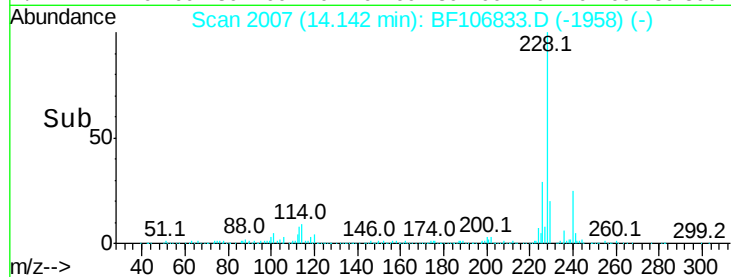
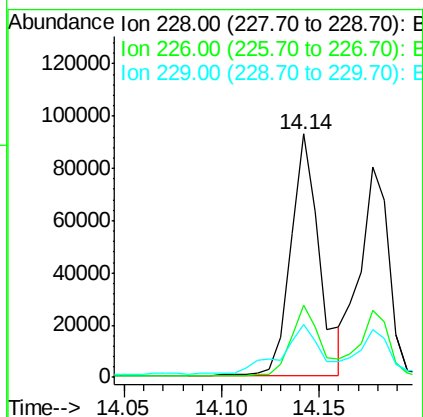
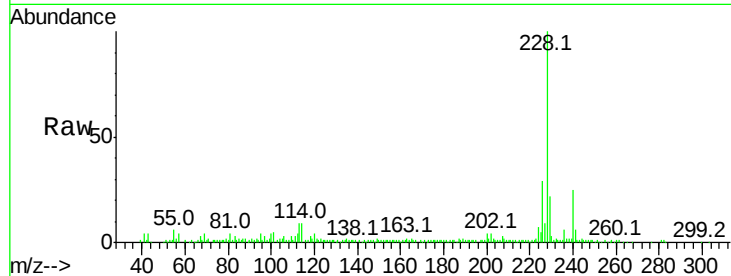
#80
Benzo(a)anthracene
Concen: 10.662 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	21.7	15.8	23.6

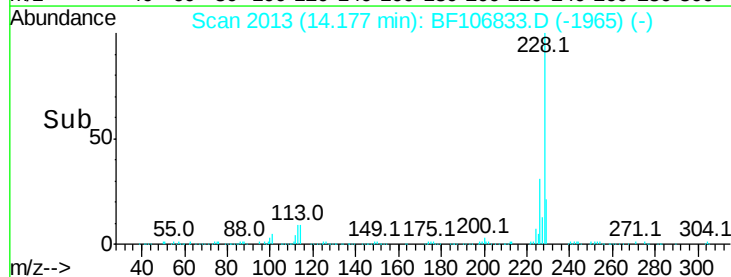
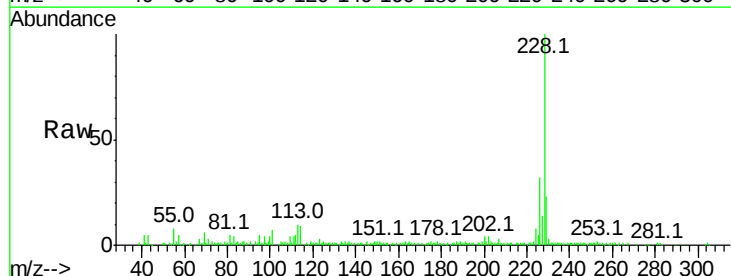
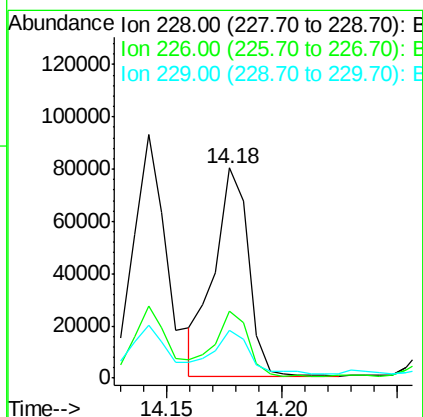
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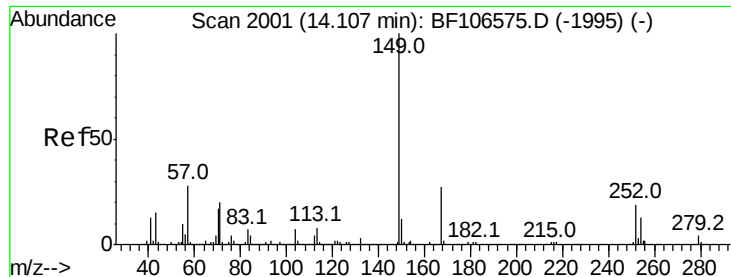
Sohil
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#82
Chrysene
Concen: 10.214 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	23.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.724 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

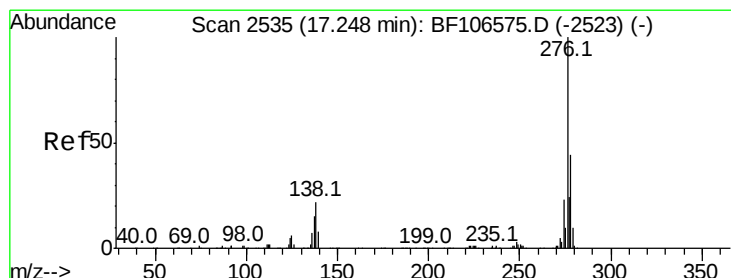
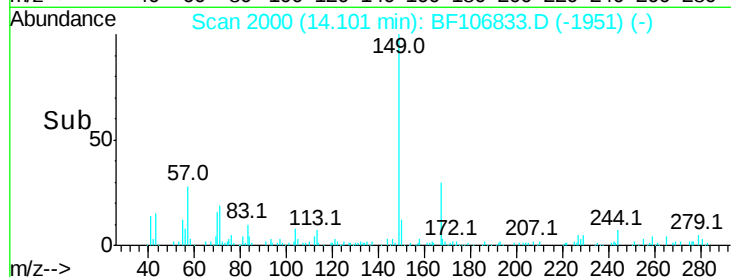
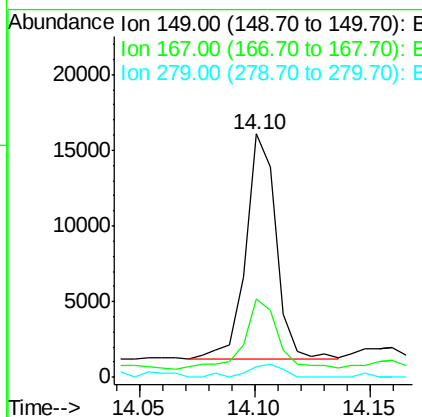
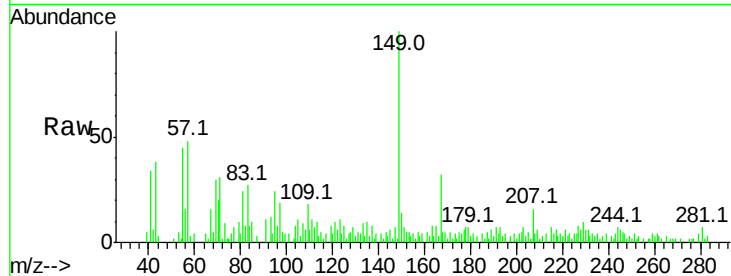
ClientSampled :

TEST-PIT-1

Tot Ion:	149	Resp:	13598
Ion Ratio	Lower	Upper	
149	100		
167	32.4	21.3	31.9#
279	4.4	3.0	4.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.755 ng

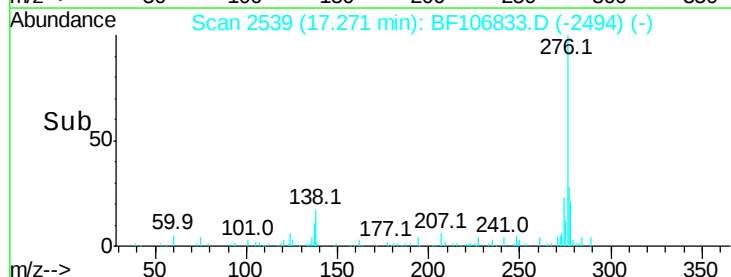
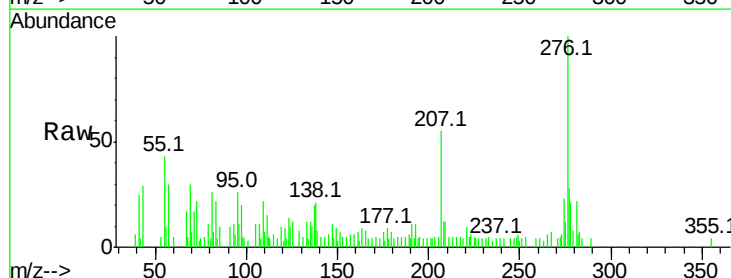
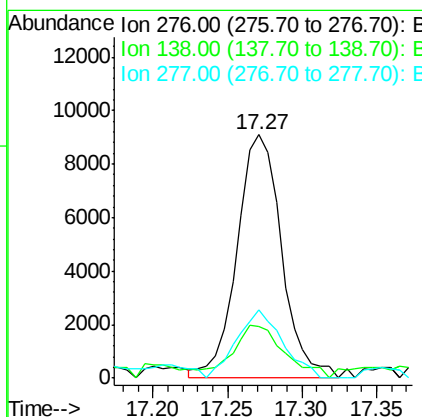
RT: 17.27 min Scan# 2539

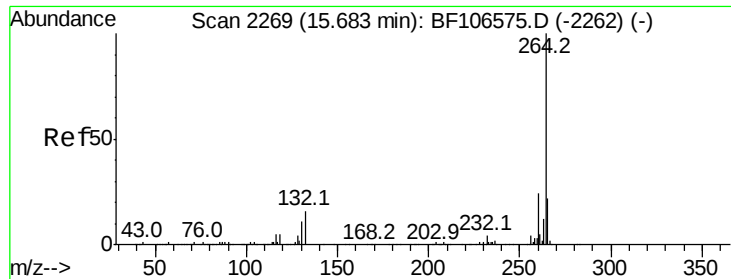
Delta R.T. -0.04 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Tgt Ion:	276	Resp:	18882
Ion Ratio	Lower	Upper	
276	100		
138	25.0	25.0	37.6
277	28.7	20.1	30.1





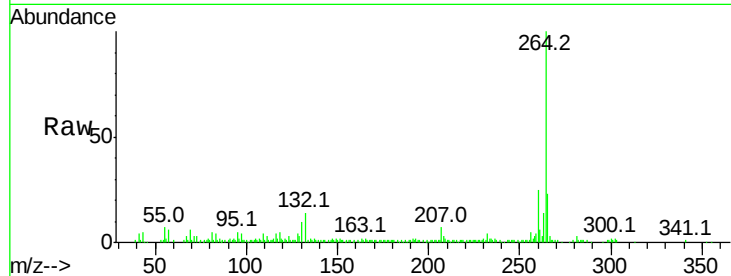
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

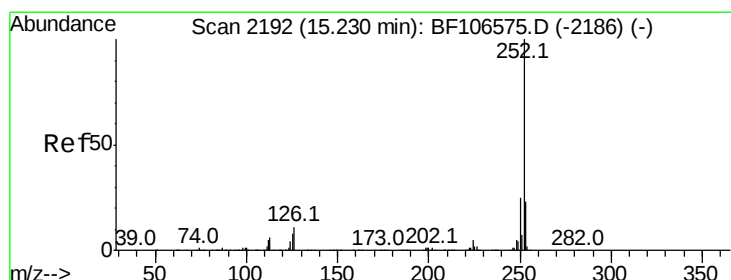
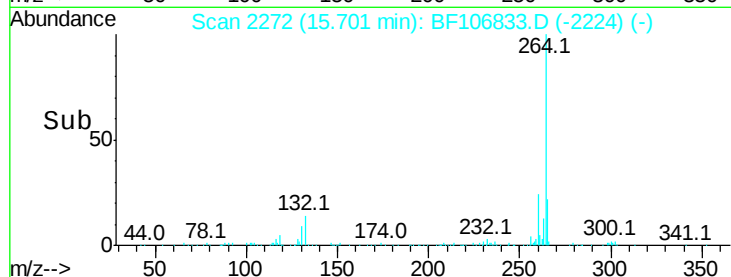
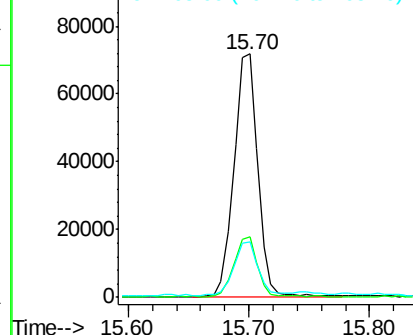
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.6	17.5	26.3

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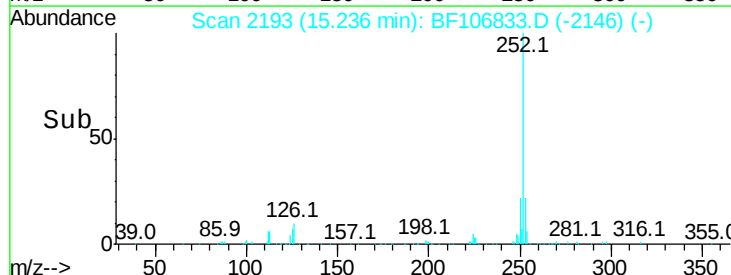
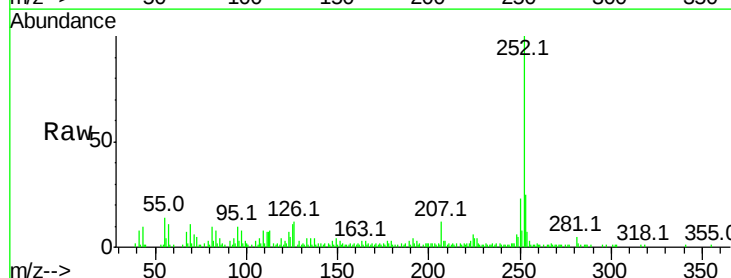
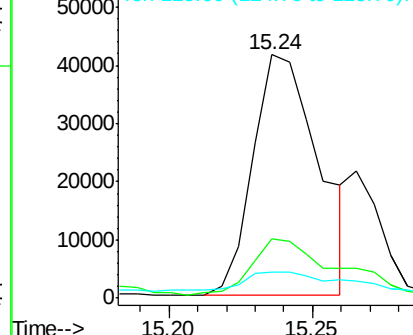
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

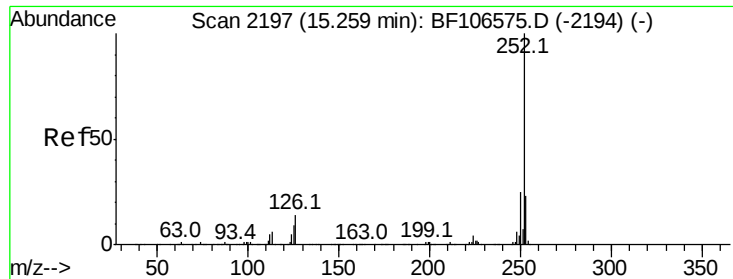


#87
Benzo(b)fluoranthene
Concen: 10.601 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	10.8	9.0	13.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





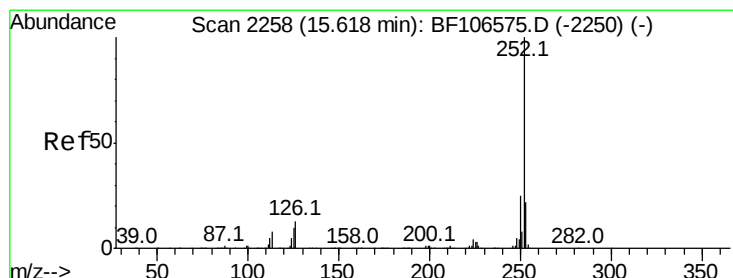
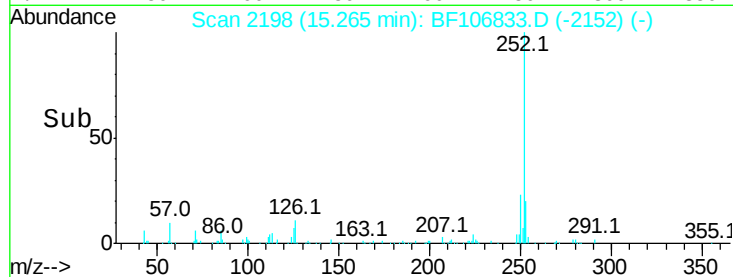
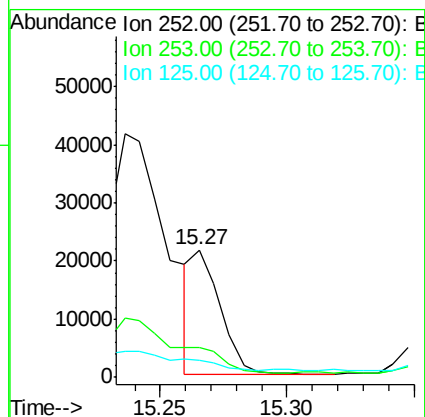
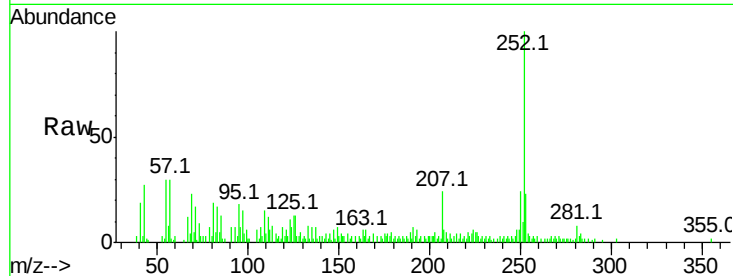
#88
Benzo(k)fluoranthene
Concen: 2.797 ng m
RT: 15.27 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
BNA_F
ClientSampled :
TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.4	10.2	15.2

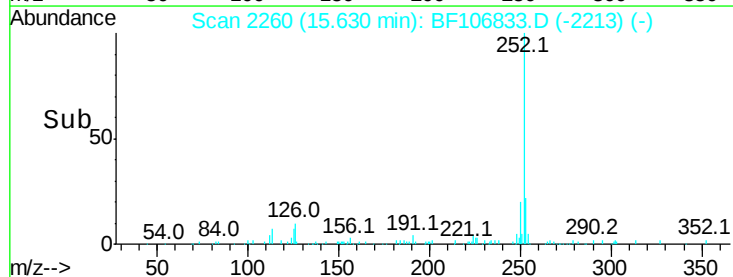
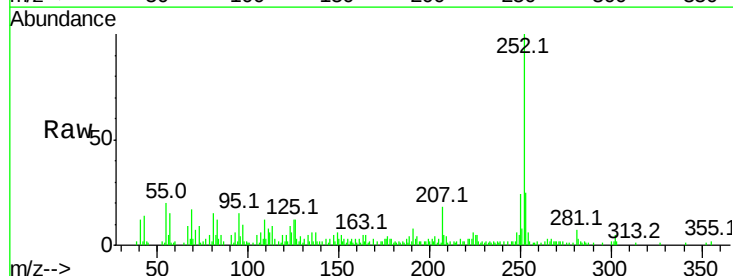
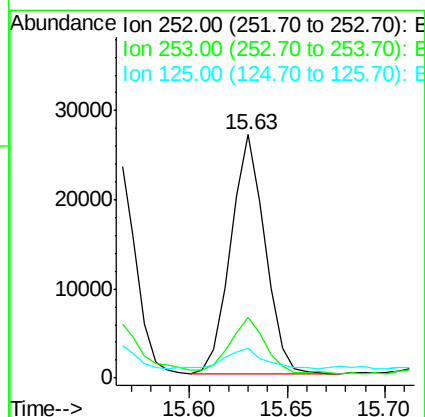
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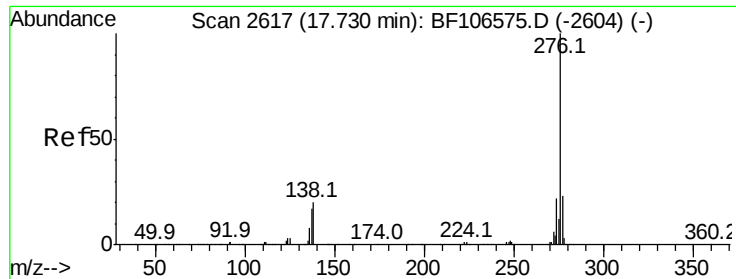
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#89
Benzo(a)pyrene
Concen: 5.989 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	12.2	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.191 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. -0.03 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	26.2	21.8	32.8

Manual Integrations
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