

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107659.D
 Acq On : 25 Jul 2018 16:13
 Operator : JU/SJ
 Sample : J4126-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-13

Manual Integrations
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 7/26/2018 2:02:53 PM

Quant Time: Jul 25 18:28:46 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	6.97	152	216294	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	816573	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	319561	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	573561	20.00	ng	0.00
75) Chrysene-d12	14.16	240	415884	20.00	ng	0.00
86) Perylene-d12	15.69	264	394037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	519099	38.59	ng	-0.01
7) Phenol-d6	6.60	99	686556	42.50	ng	-0.02
23) Nitrobenzene-d5	7.53	82	409768	33.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	158965	43.74	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	662288	27.96	ng	-0.02
78) Terphenyl-d14	13.09	244	506409	31.17	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	151023	6.271	ng	Qvalue # 99
51) Acenaphthene	10.04	154	74707	3.730	ng	97
57) Fluorene	10.56	166	111540	5.303	ng	# 95
70) Phenanthrene	11.53	178	1589300	56.863	ng	98
71) Anthracene	11.58	178	447574	15.905	ng	99
72) Carbazole	11.74	167	140092	4.787	ng	98
74) Fluoranthene	12.73	202	2542853	84.784	ng	97
77) Pyrene	12.96	202	2238352	78.685	ng	98
80) Benzo(a)anthracene	14.15	228	1022535	41.956	ng	95
82) Chrysene	14.19	228	1062655	45.391	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	150102	8.696	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	481560	24.270	ng	# 89
87) Benzo(b)fluoranthene	15.24	252	1049170m	48.651	ng	
88) Benzo(k)fluoranthene	15.27	252	482180m	22.822	ng	
89) Benzo(a)pyrene	15.63	252	777450	39.412	ng	96
90) Dibenzo(a,h)anthracene	17.28	278	105130m	6.165	ng	
91) Benzo(a,h,i)perylene	17.75	276	488584	29.048	ng	# 91

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

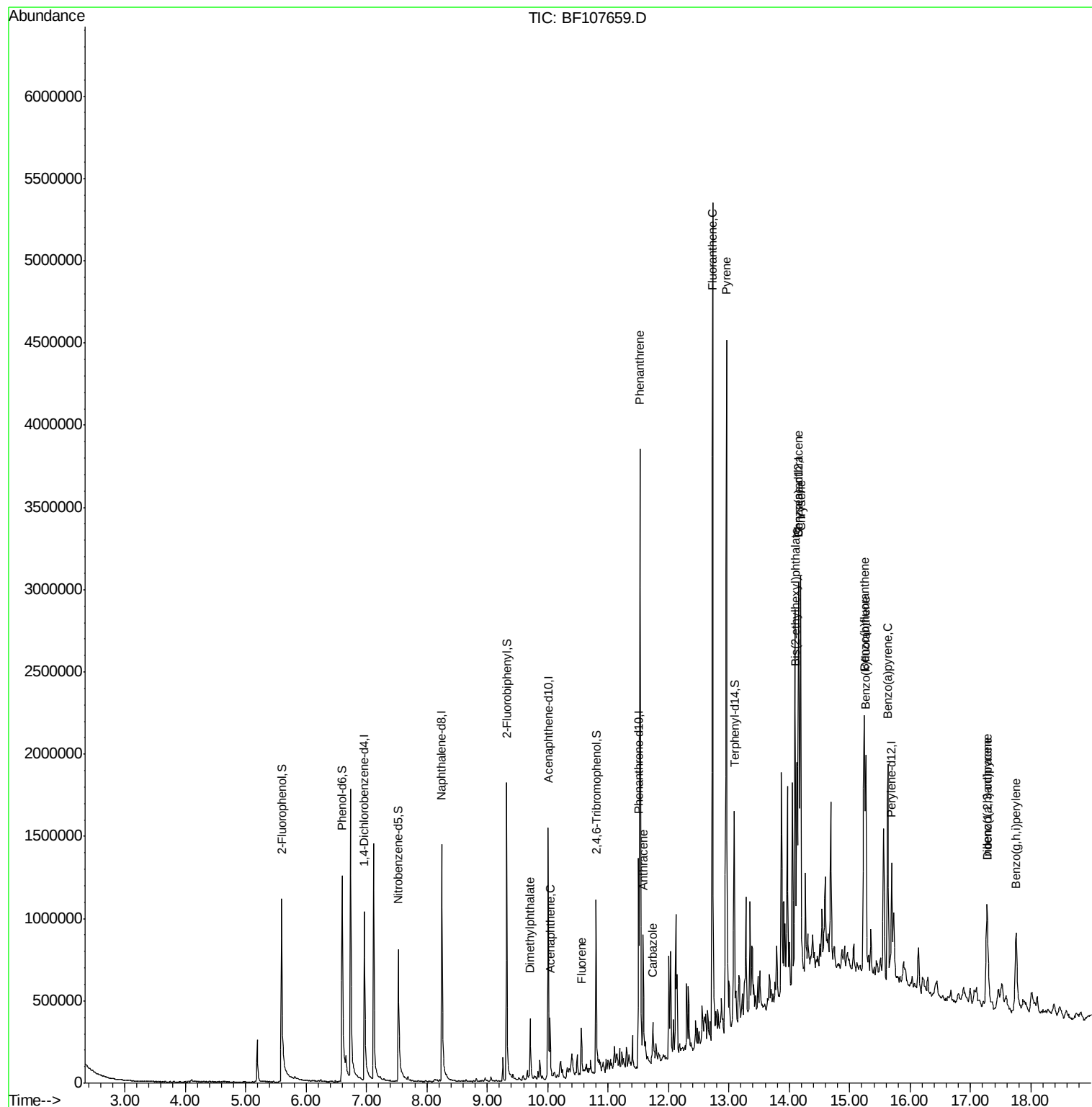
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107659.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

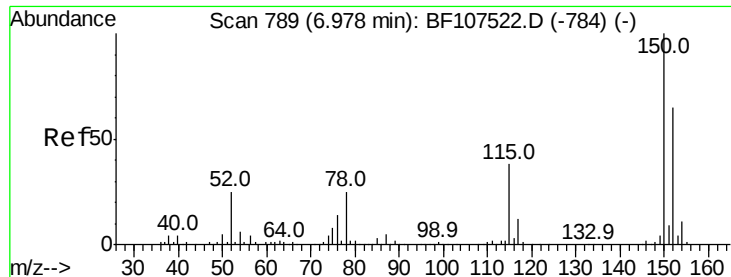
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

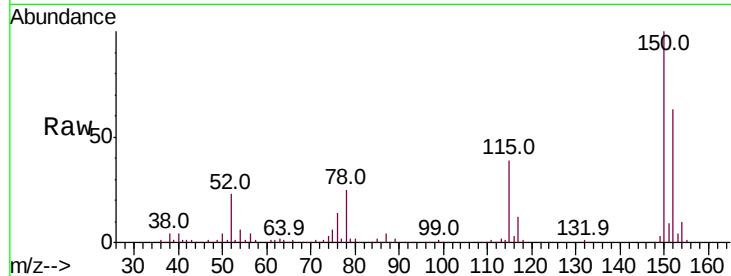
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	61.3	50.1	75.1

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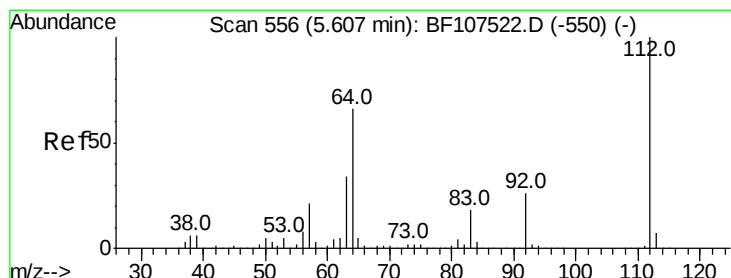
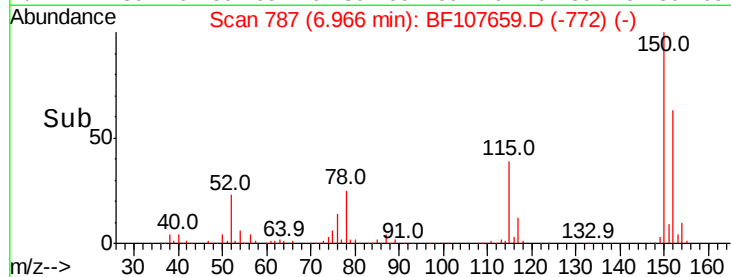
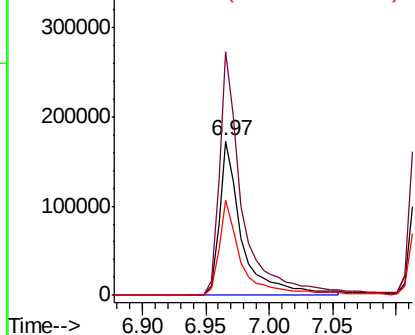


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

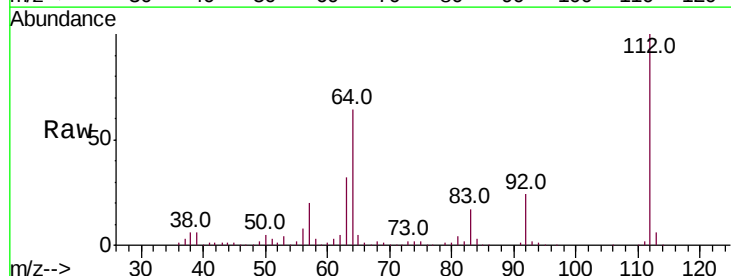
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.587 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	32.3	23.7	35.5

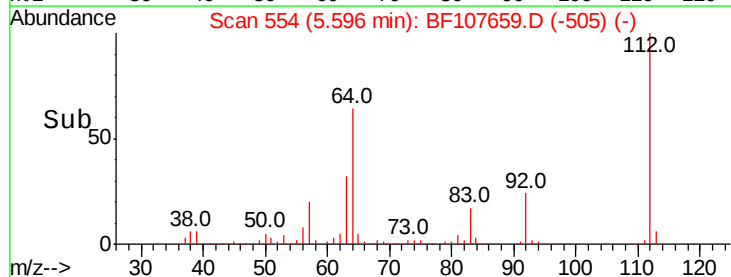
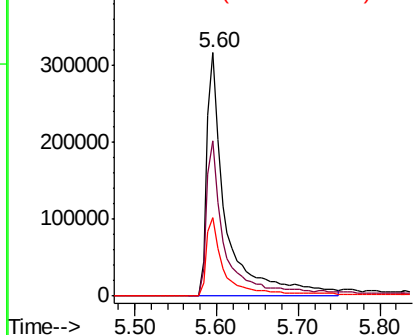


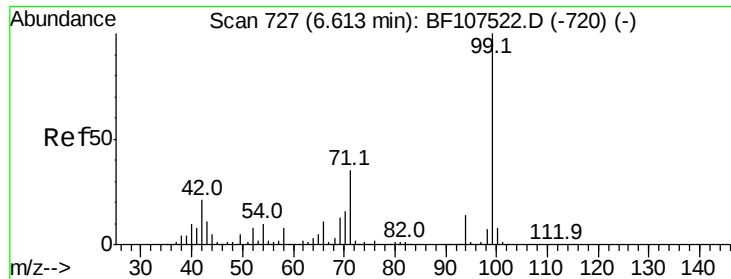
Abundance

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: 42.503 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107659.D

Acq: 25 Jul 2018 16:13

Instrument :

BNA_F

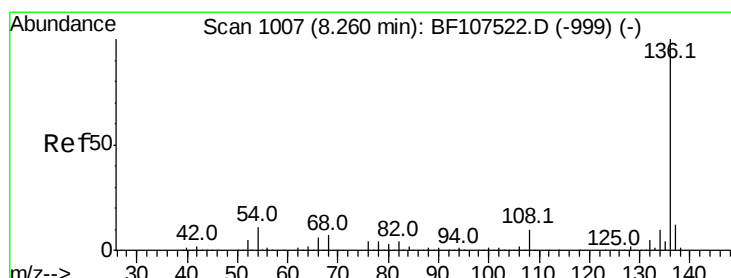
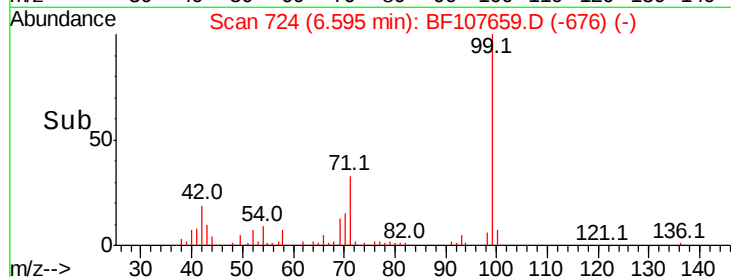
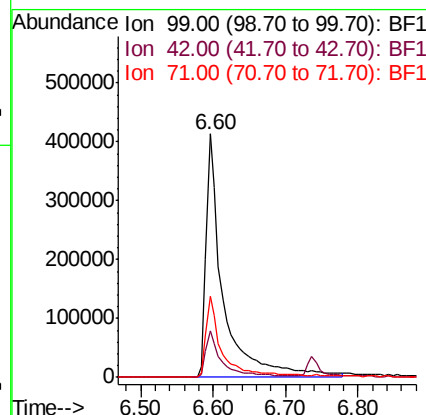
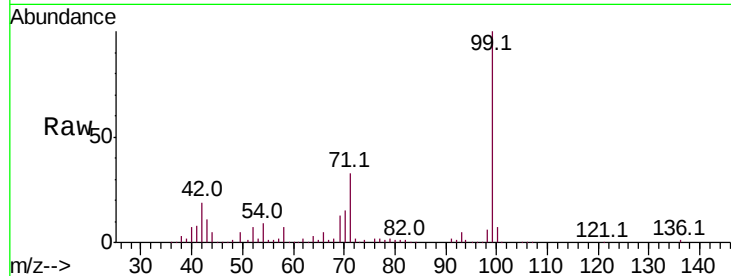
ClientSampleId :

2018-NYSEG-CLARK-AREA-13

Tot Ion	Ratio	Resp	Lower	Upper
99	100	686556		
42	19.3	14.5	21.7	
71	33.4	25.4	38.0	

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#21

Naphthalene-d8

Concen: 20.000 ng

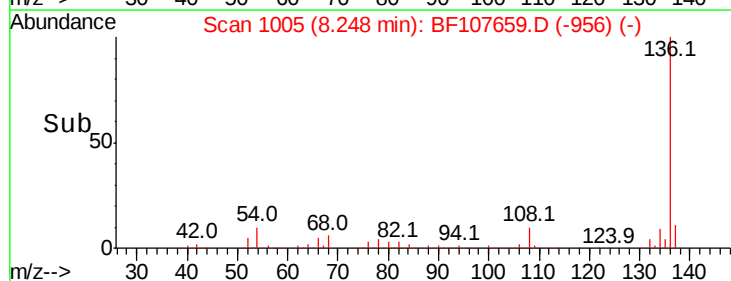
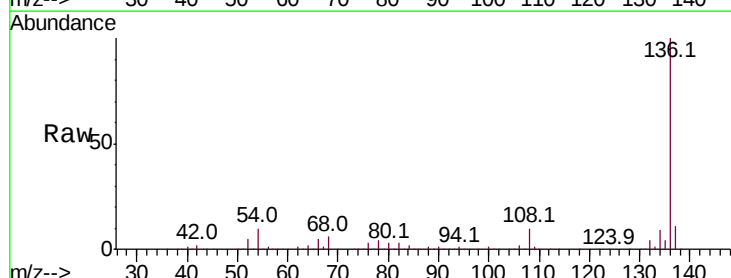
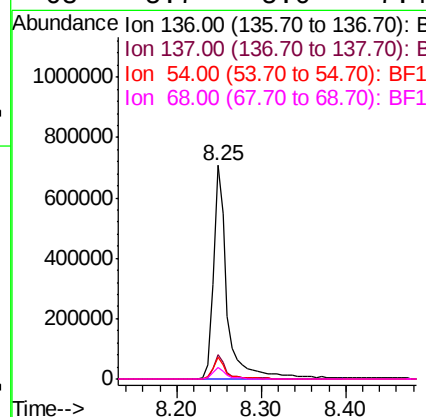
RT: 8.25 min Scan# 1005

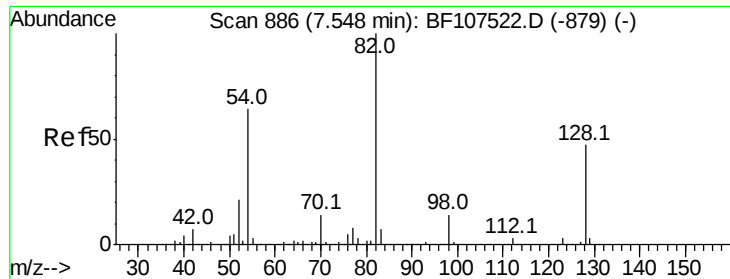
Delta R.T. -0.01 min

Lab File: BF107659.D

Acq: 25 Jul 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	816573		
137	11.3	8.9	13.3	
54	10.0	6.6	9.8	
68	5.7	5.0	7.4	





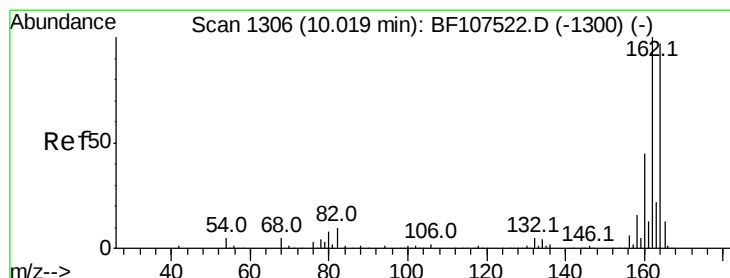
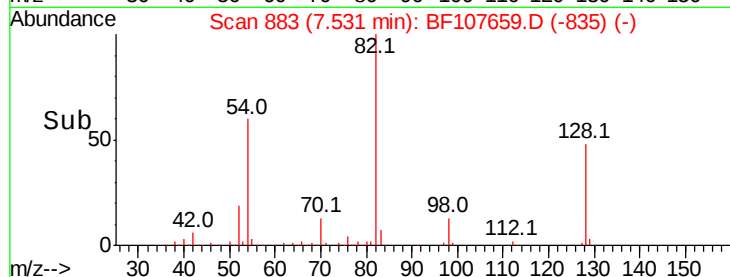
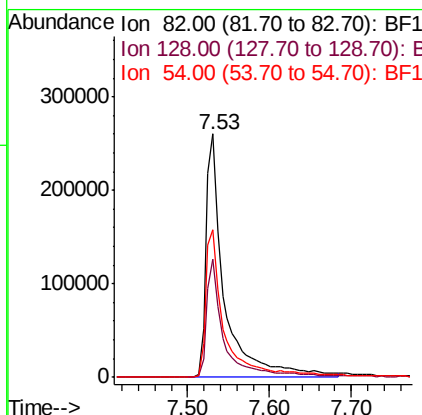
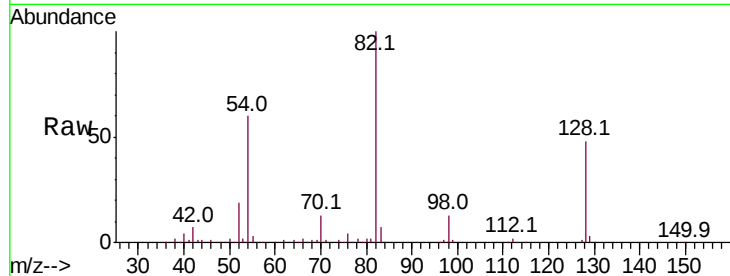
#23
 Nitrobenzene-d5
 Concen: 33.866 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107659.D
 Acq: 25 Jul 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-13

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	60.4	41.4	62.2

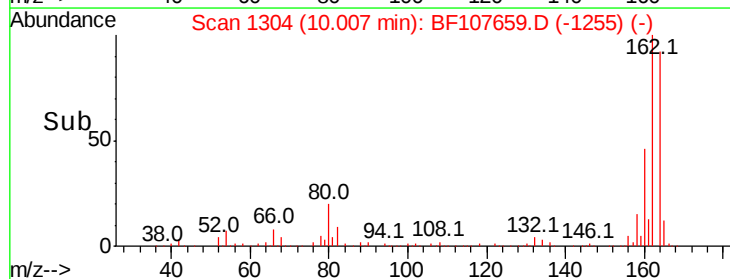
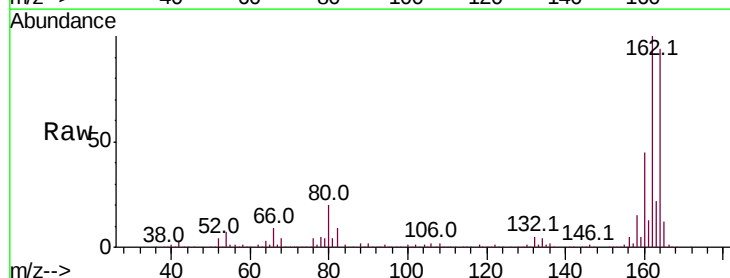
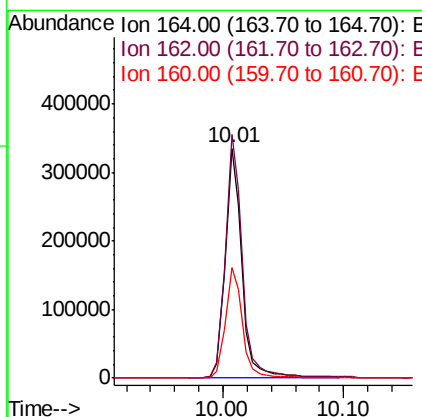
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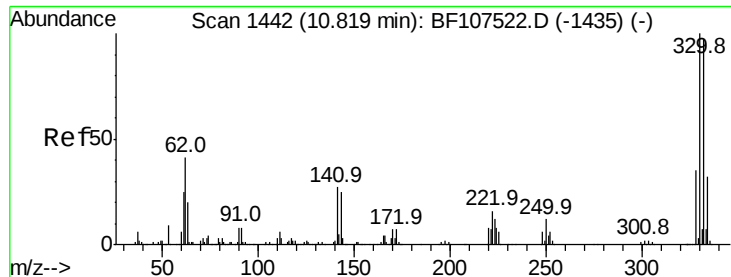
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107659.D
 Acq: 25 Jul 2018 16:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	48.1	38.3	57.5





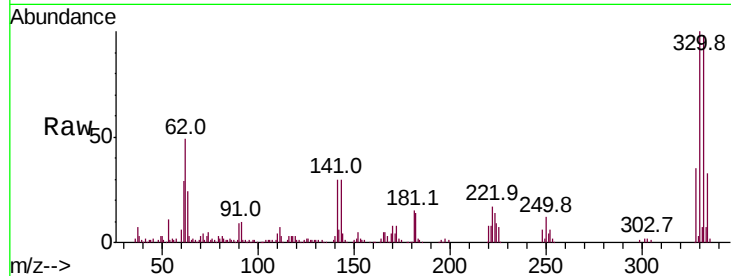
#41
 2,4,6-Tribromophenol
 Concen: 43.745 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107659.D
 Acq: 25 Jul 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-13

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.0	115.6	
141	28.3	29.9	44.9	

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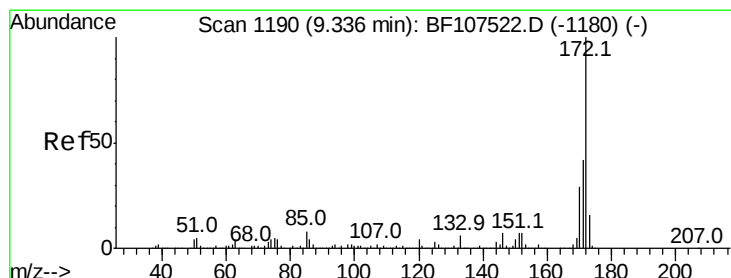
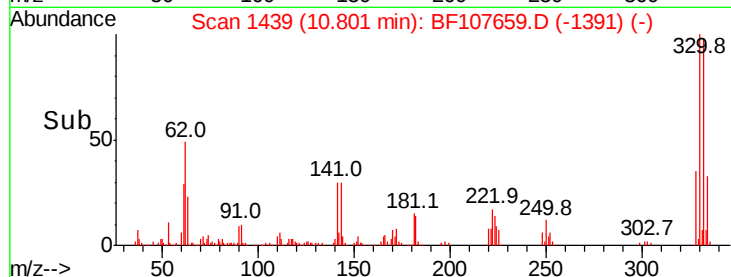
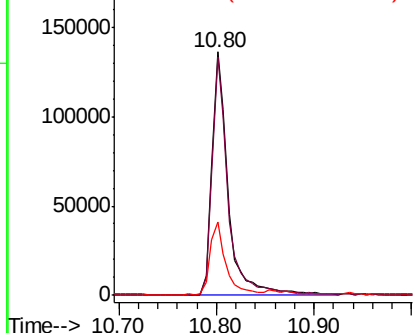


Abundance

Ion 329.80 (329.50 to 330.50): E

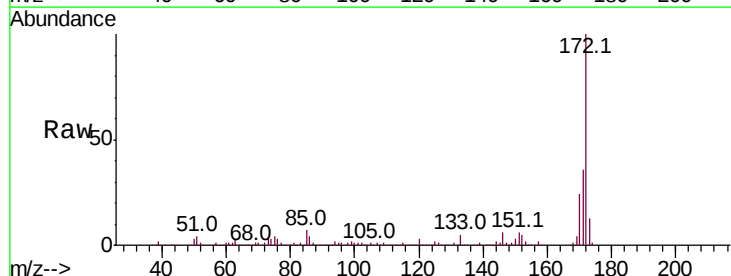
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 27.961 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107659.D
 Acq: 25 Jul 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.7	44.5	
170	23.9	19.6	29.4	

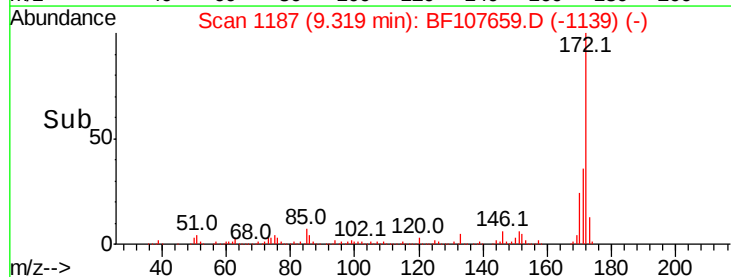
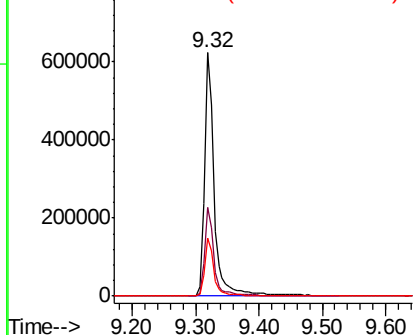


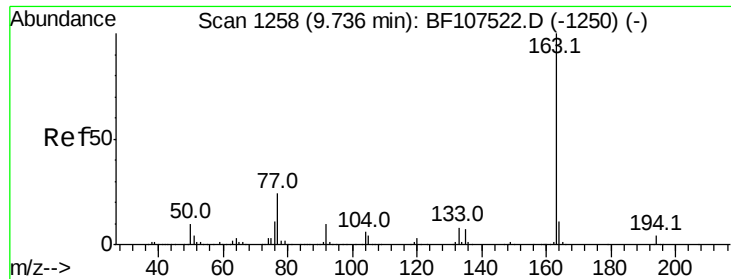
Abundance

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





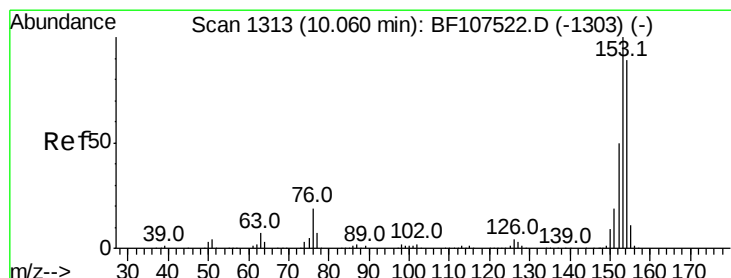
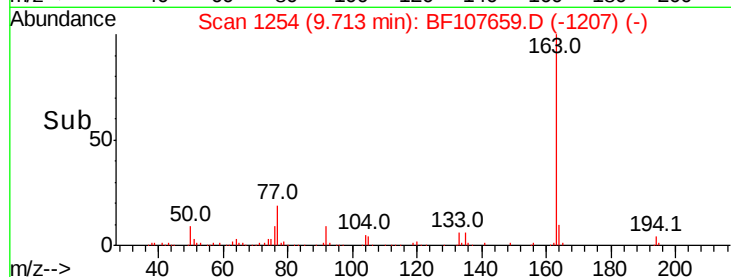
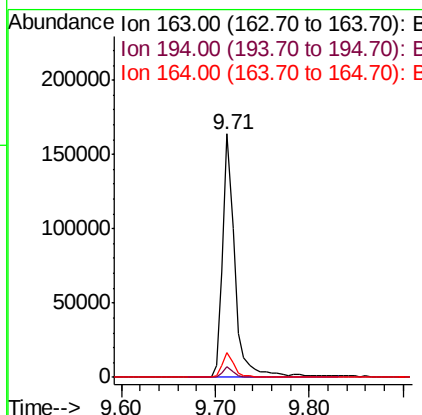
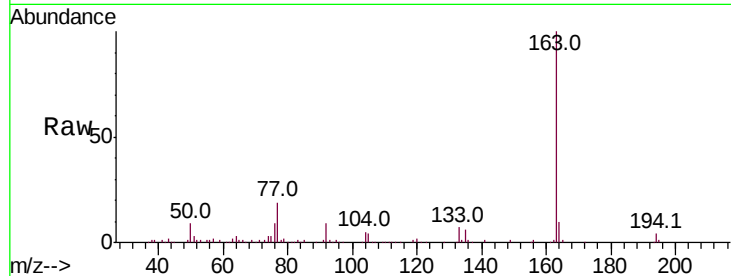
#49
Dimethylphthalate
Concen: 6.271 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	10.3	8.2	12.2	

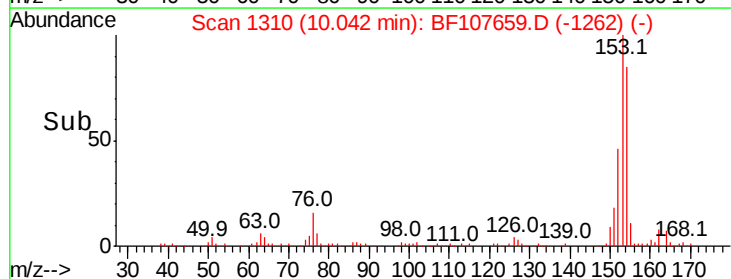
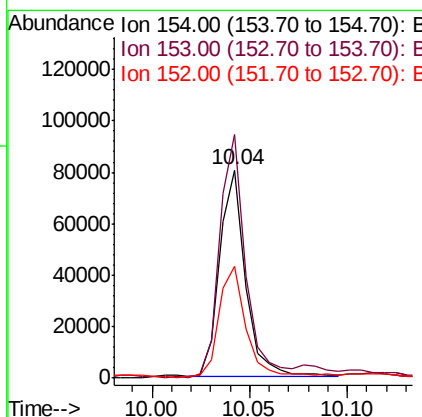
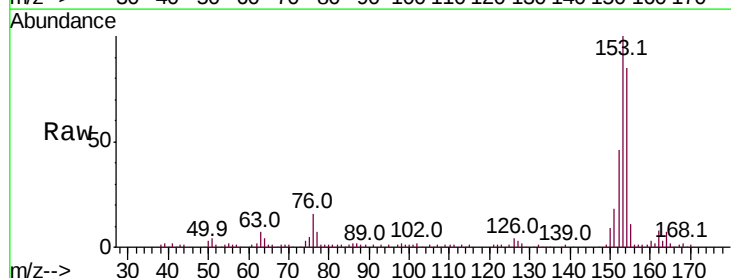
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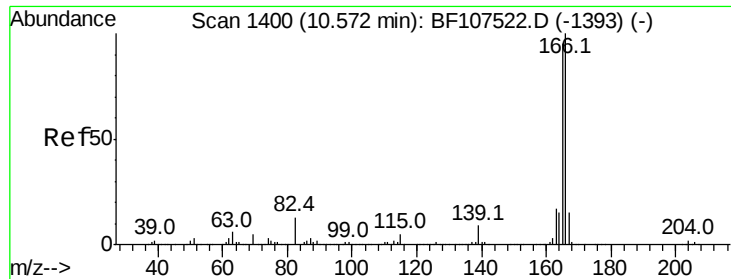
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#51
Acenaphthene
Concen: 3.730 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	117.2	91.2	136.8	
152	53.7	43.8	65.8	





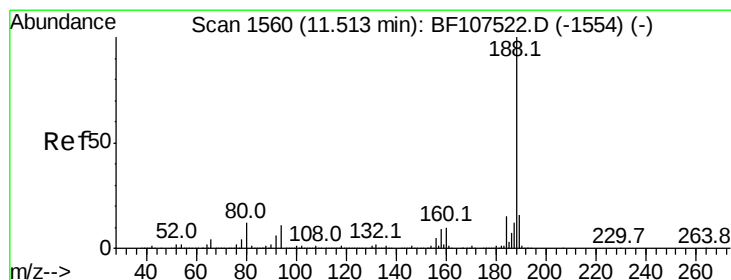
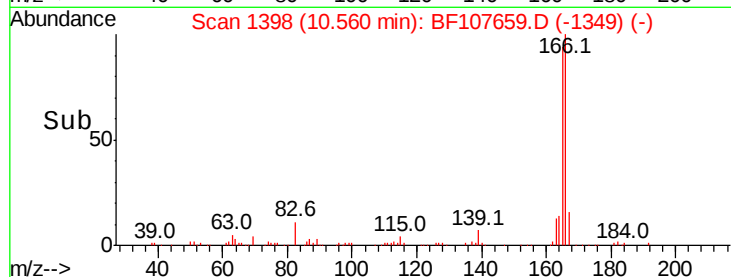
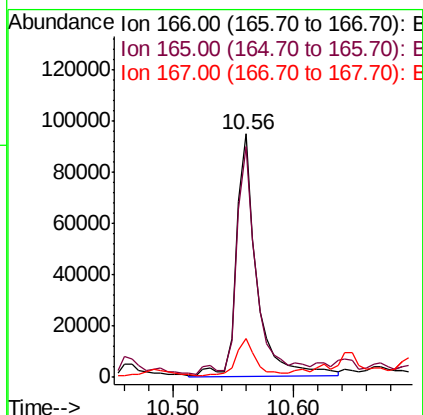
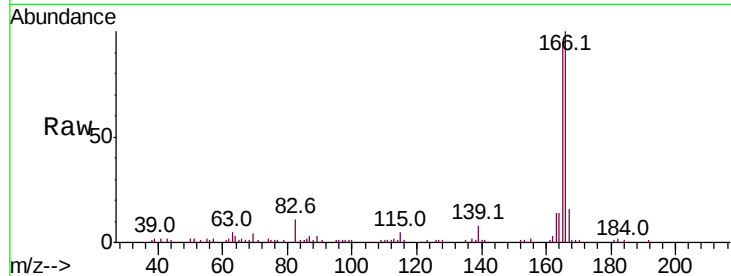
#57
Fluorene
 Concen: 5.303 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107659.D
 Acq: 25 Jul 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-13

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.9	79.8	119.8
167	16.0	10.6	16.0#

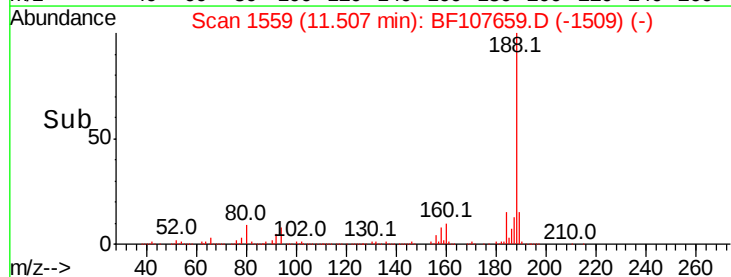
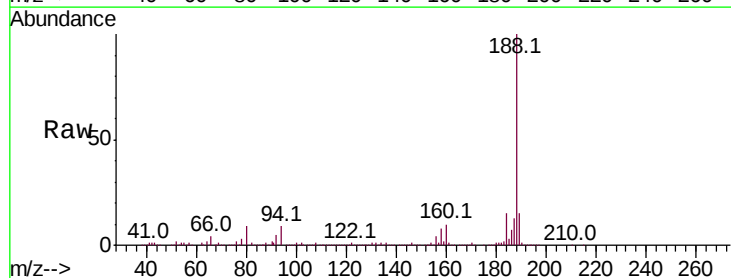
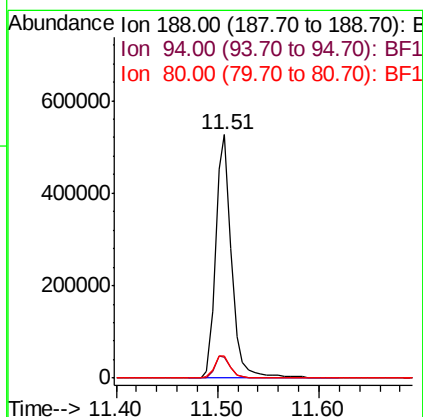
Manual Integrations
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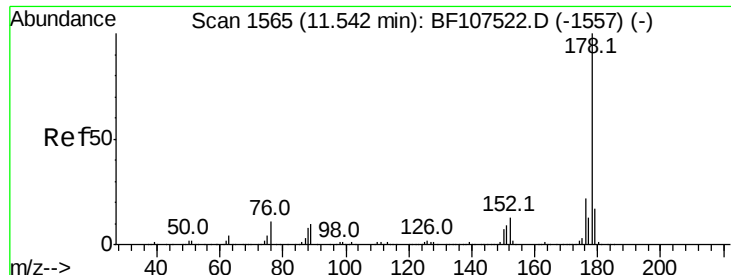
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF107659.D
 Acq: 25 Jul 2018 16:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.2	9.2	13.8





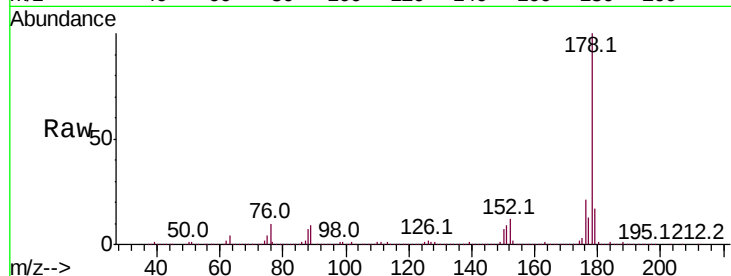
#70
Phenanthrene
Concen: 56.863 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13

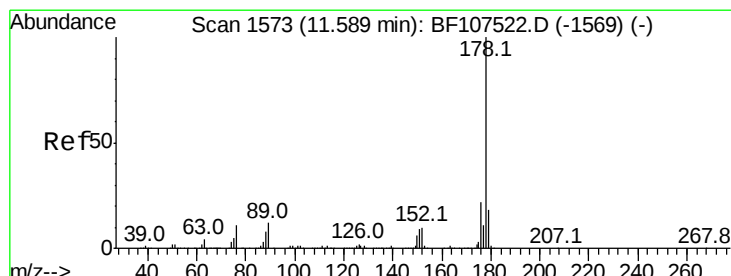
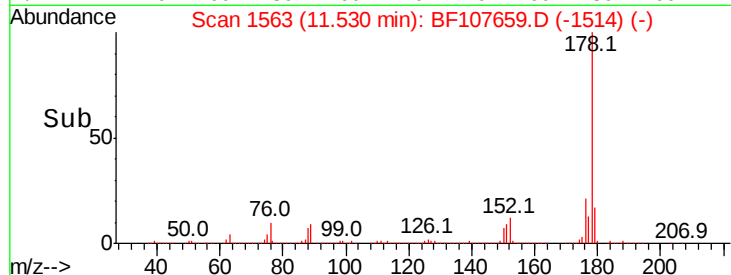
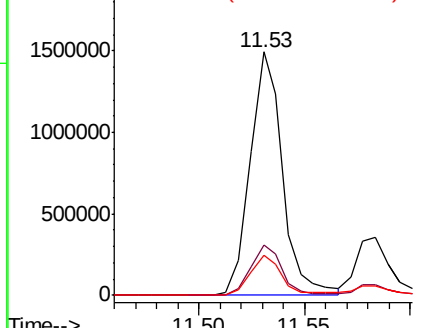
Tot Ion:178 Resp: 1589300
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.8
179 16.7 13.0 19.6

Manual Integrations
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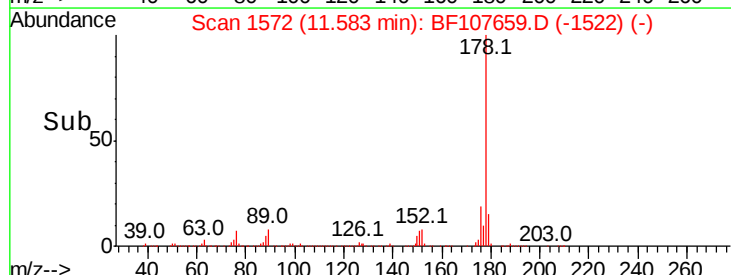
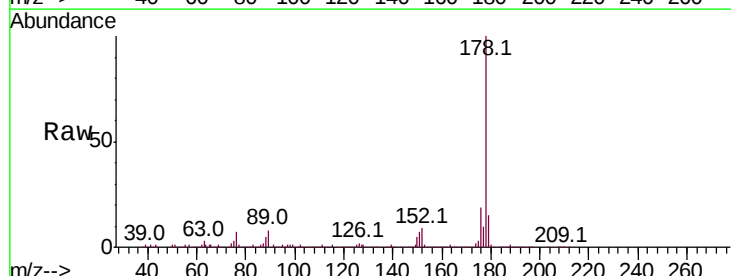
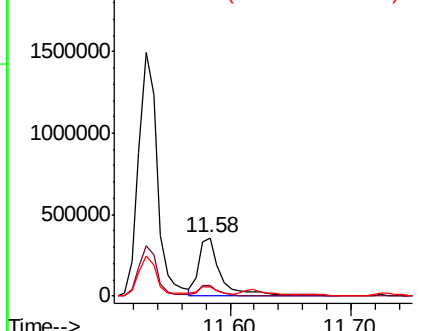
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

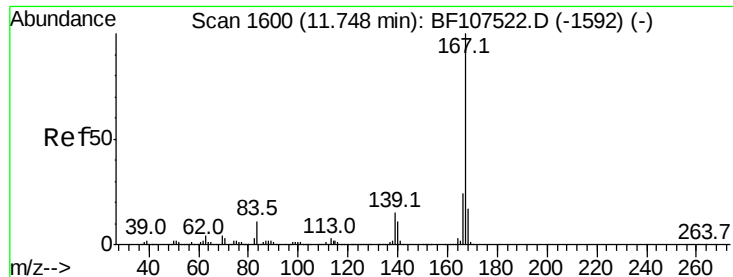


#71
Anthracene
Concen: 15.905 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

Tgt Ion:178 Resp: 447574
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.787 ng

RT: 11.74 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF107659.D

Acq: 25 Jul 2018 16:13

Instrument :

BNA_F

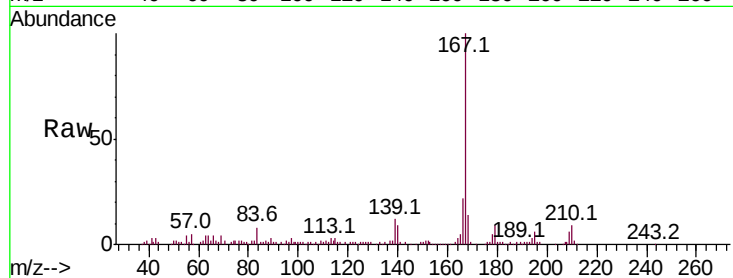
ClientSampleId :

2018-NYSEG-CLARK-AREA-13

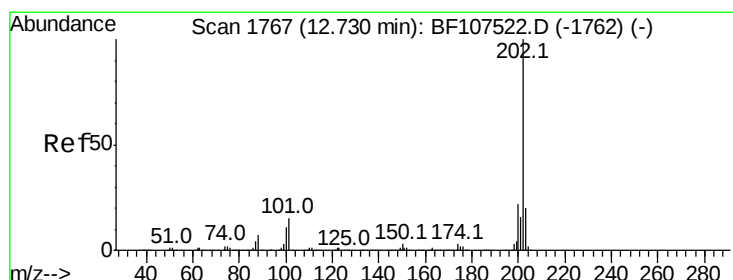
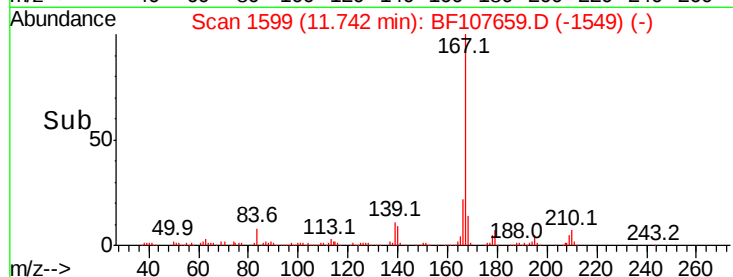
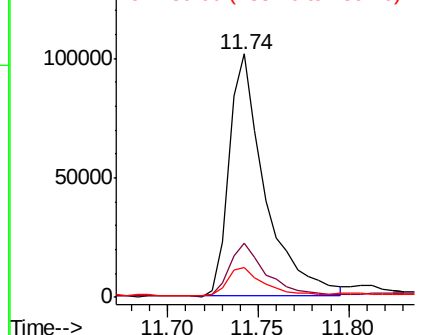
Tot Ion:	167	Resp:	140092
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.6	26.4
139	12.0	10.9	16.3

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 84.784 ng

RT: 12.73 min Scan# 1767

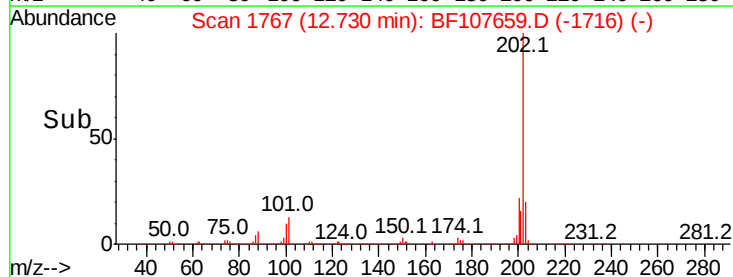
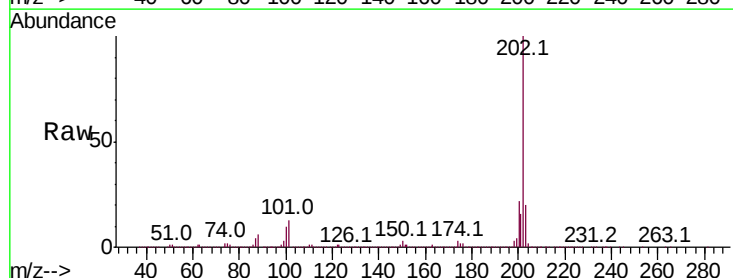
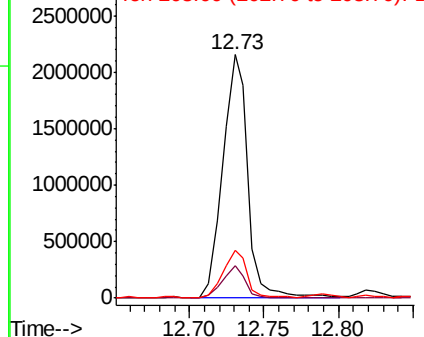
Delta R.T. 0.00 min

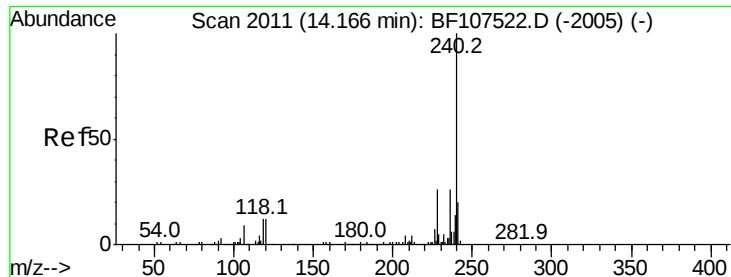
Lab File: BF107659.D

Acq: 25 Jul 2018 16:13

Tgt Ion:	202	Resp:	2542853
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.1
203	19.8	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107659.D

Acq: 25 Jul 2018 16:13

Instrument :

BNA_F

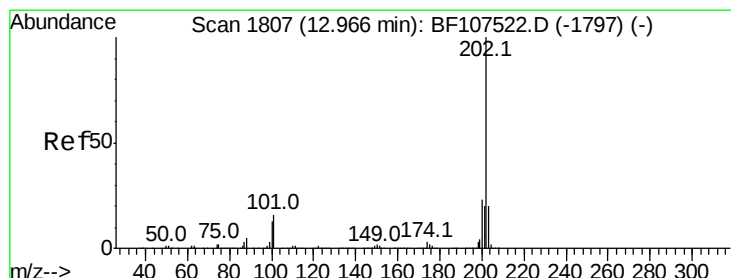
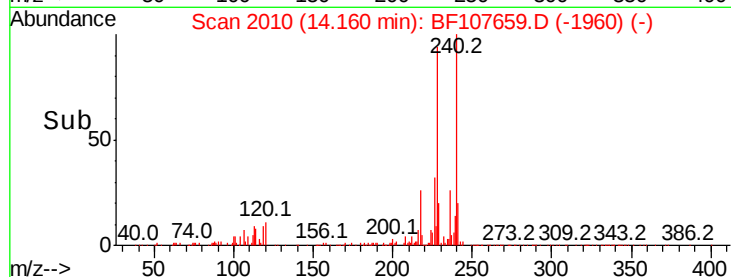
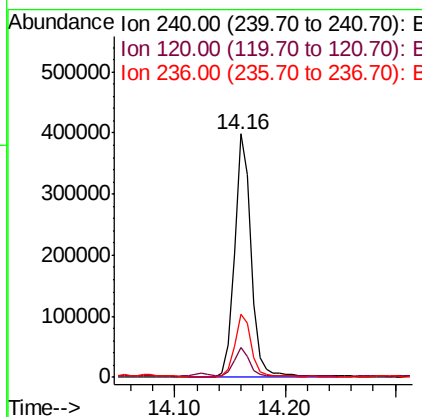
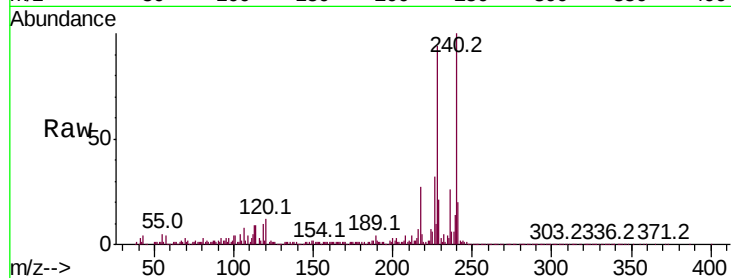
ClientSampleId :

2018-NYSEG-CLARK-AREA-13

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.4	9.5	14.3	
236	26.1	20.7	31.1	

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#77

Pyrene

Concen: 78.685 ng

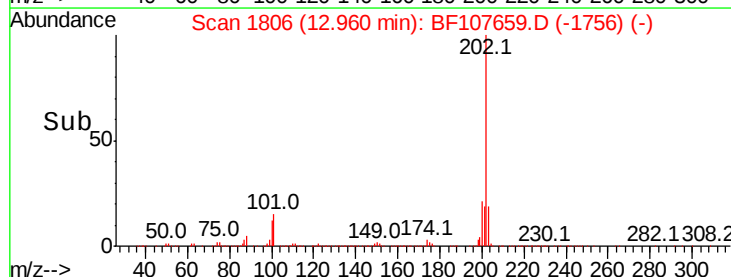
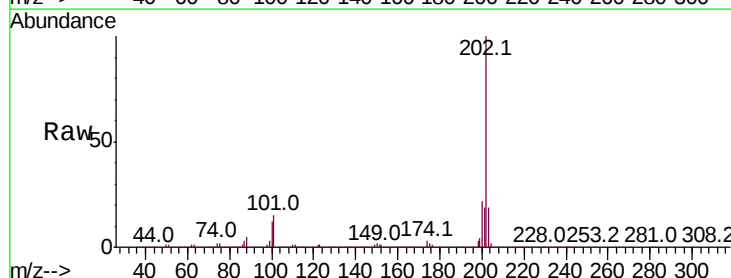
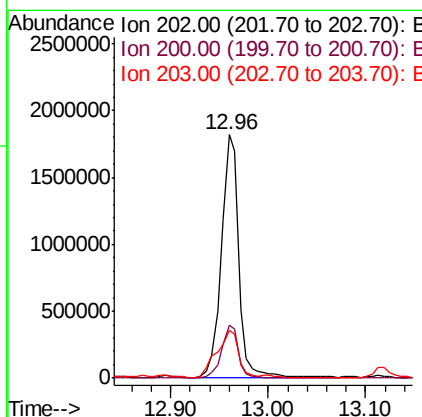
RT: 12.96 min Scan# 1806

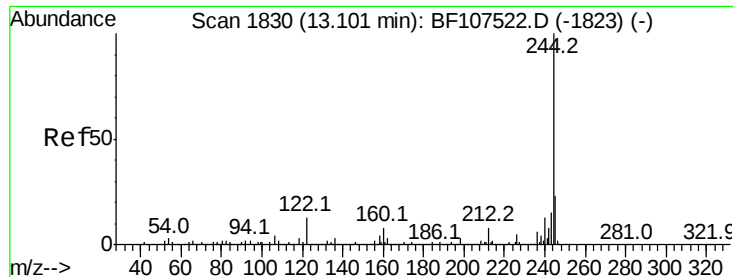
Delta R.T. -0.01 min

Lab File: BF107659.D

Acq: 25 Jul 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.5	17.4	26.2	
203	19.5	14.3	21.5	





#78

Terphenyl-d14

Concen: 31.173 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107659.D

Acq: 25 Jul 2018 16:13

Instrument :

BNA_F

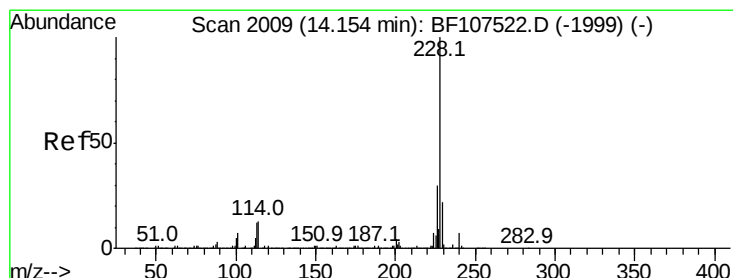
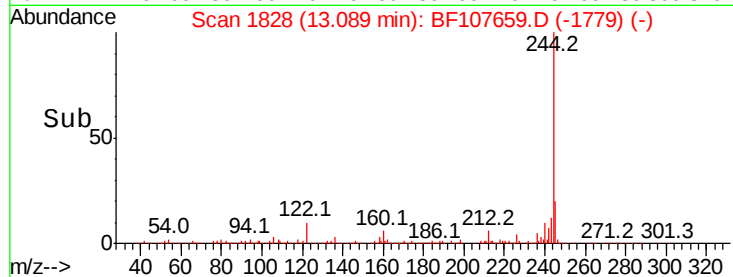
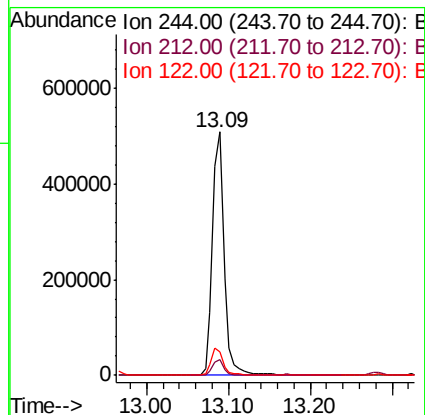
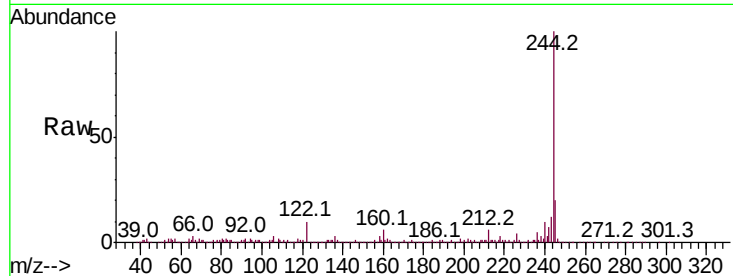
ClientSampleId :

2018-NYSEG-CLARK-AREA-13

Tot Ion:	244	Resp:	506409
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	9.9	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 41.956 ng

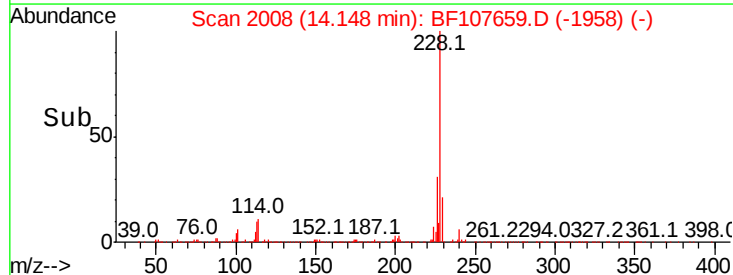
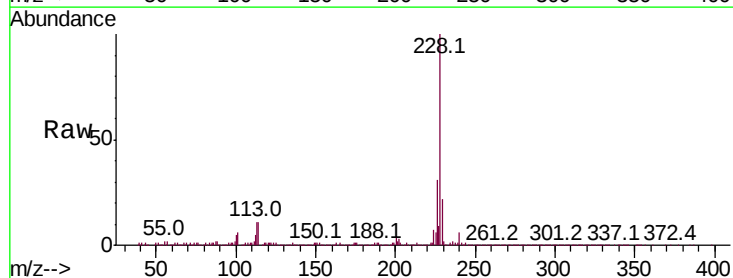
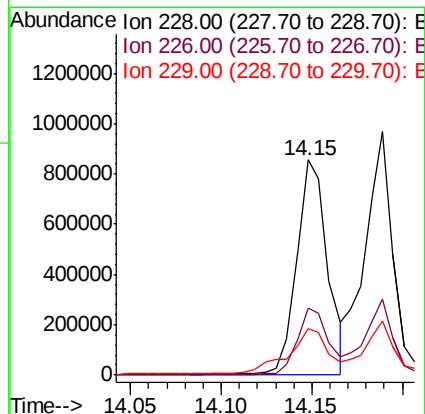
RT: 14.15 min Scan# 2008

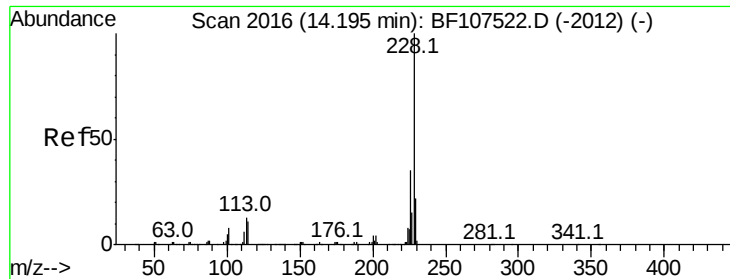
Delta R.T. -0.01 min

Lab File: BF107659.D

Acq: 25 Jul 2018 16:13

Tgt Ion:	228	Resp:	1022535
Ion Ratio	Lower	Upper	
228	100		
226	31.1	22.6	33.8
229	21.8	15.8	23.6





#82

Chrysene

Concen: 45.391 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF107659.D

Acq: 25 Jul 2018 16:13

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-13

Tot Ion:228 Resp: 1062655

Ion Ratio Lower Upper

228 100

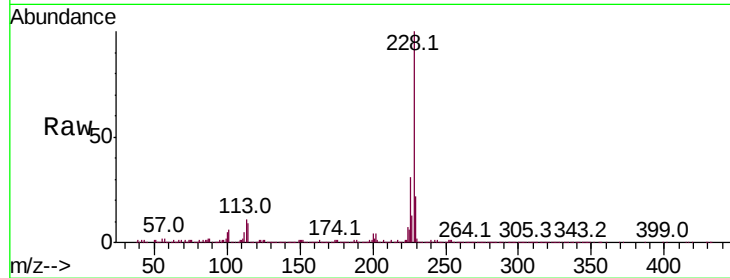
226 31.4 25.0 37.6

229 22.5 16.2 24.4

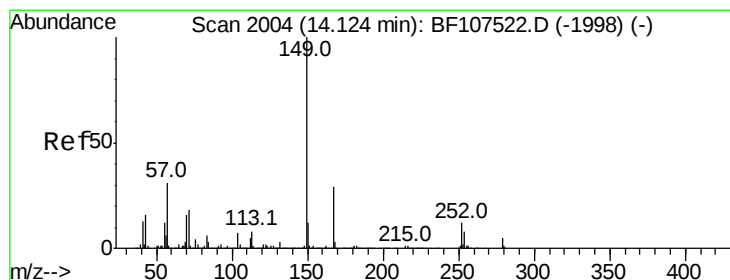
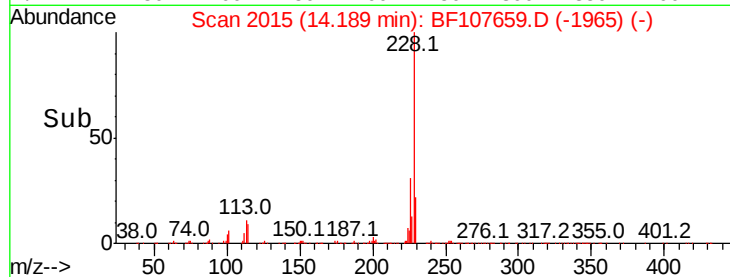
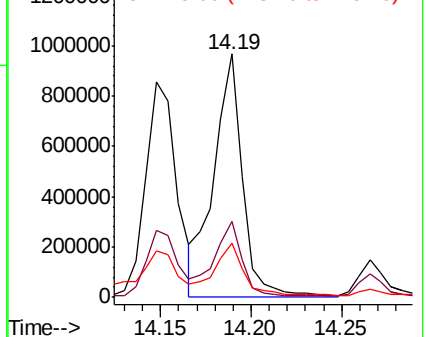
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.696 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF107659.D

Acq: 25 Jul 2018 16:13

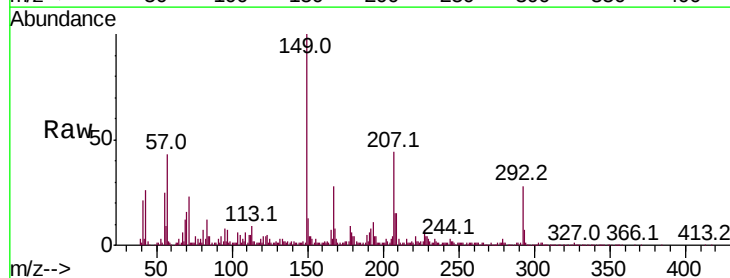
Tgt Ion:149 Resp: 150102

Ion Ratio Lower Upper

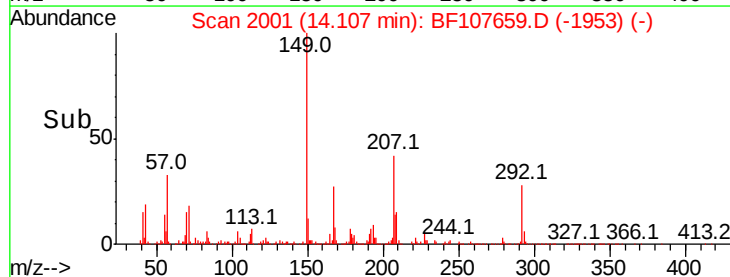
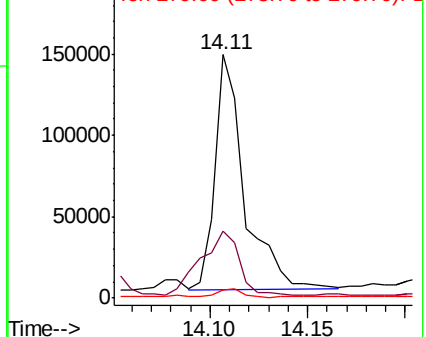
149 100

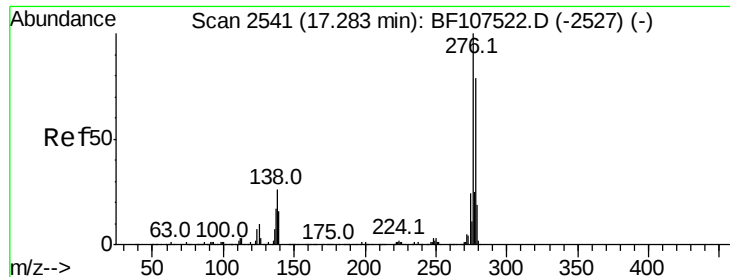
167 27.7 21.3 31.9

279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





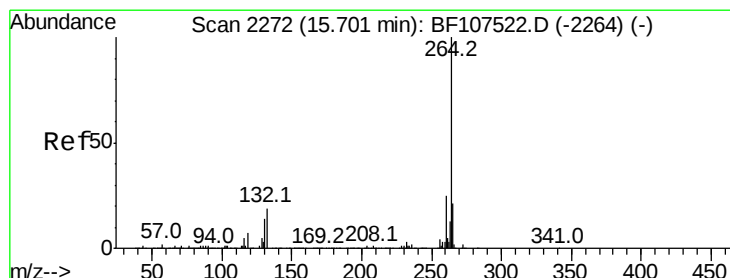
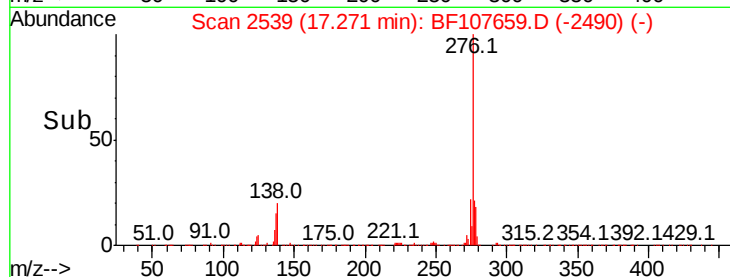
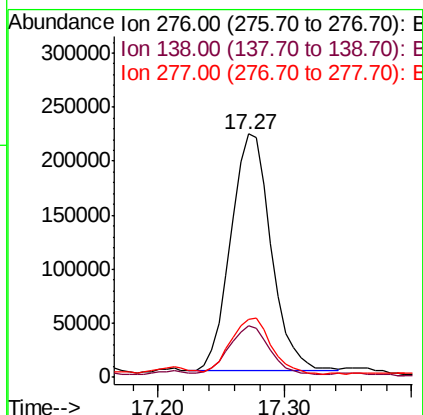
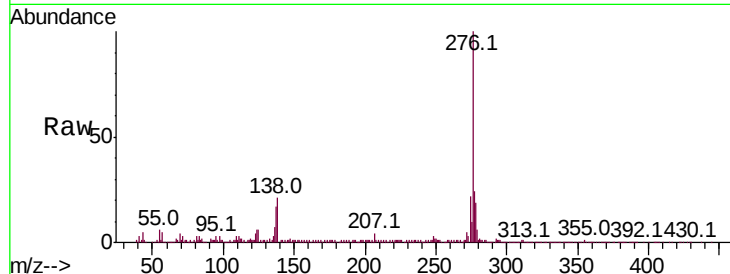
#85
Indeno(1,2,3-cd)pyrene
Concen: 24.270 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.0	37.6#
277	24.4	20.1	30.1

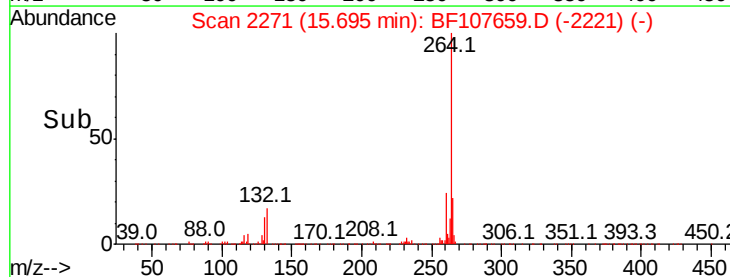
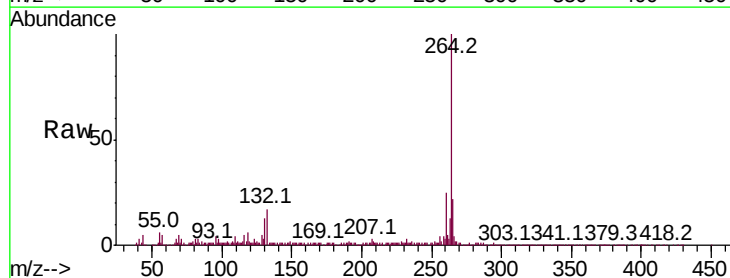
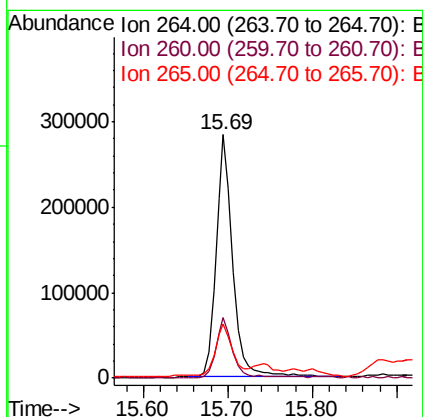
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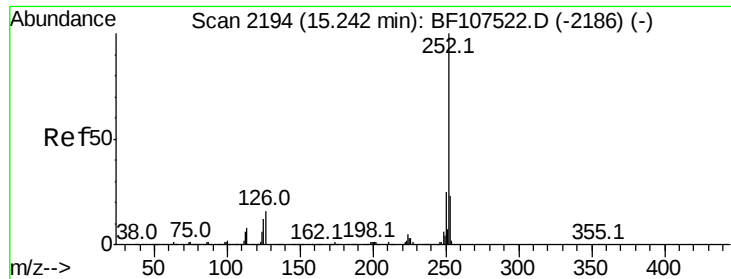
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.1	17.5	26.3





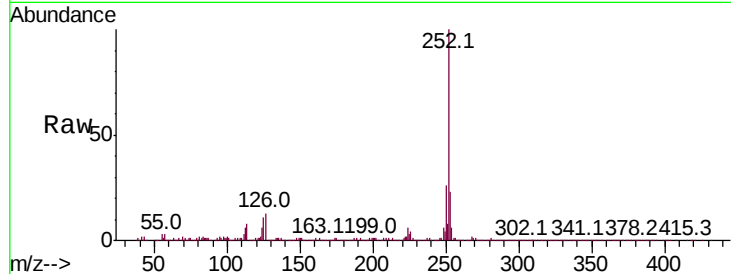
#87
Benzo(b)fluoranthene
Concen: 48.651 ng m
RT: 15.24 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.4	9.0	13.6

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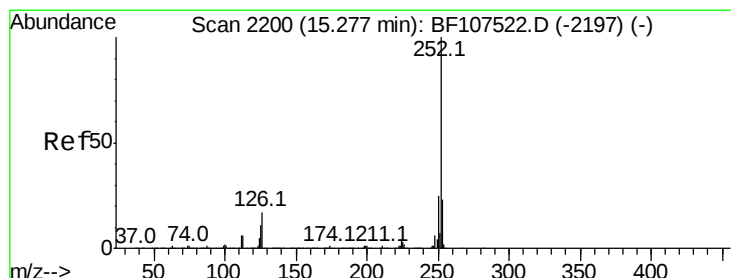
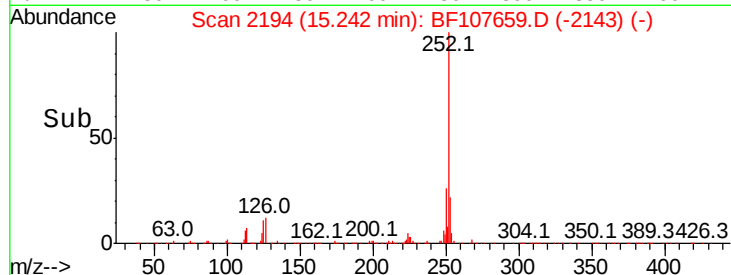
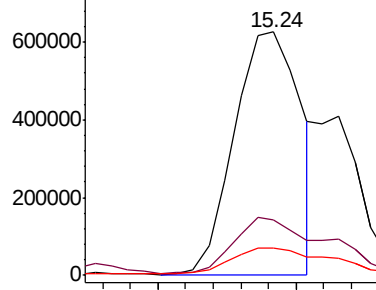


Abundance

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: 22.822 ng m
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

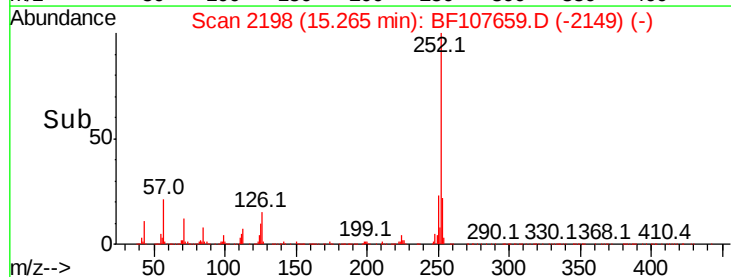
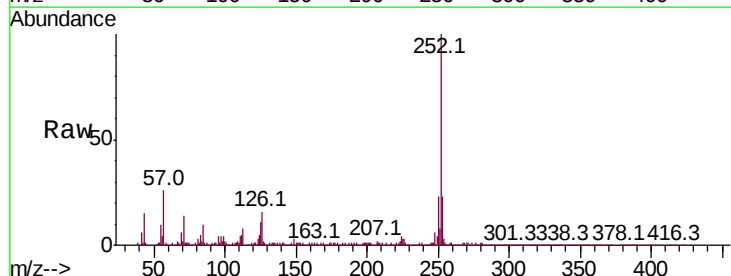
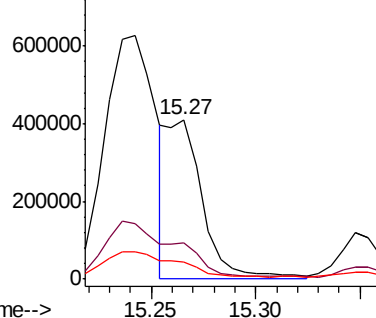
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	10.6	10.2	15.2

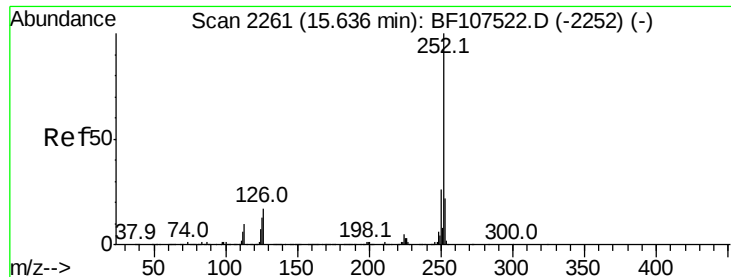
Abundance

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





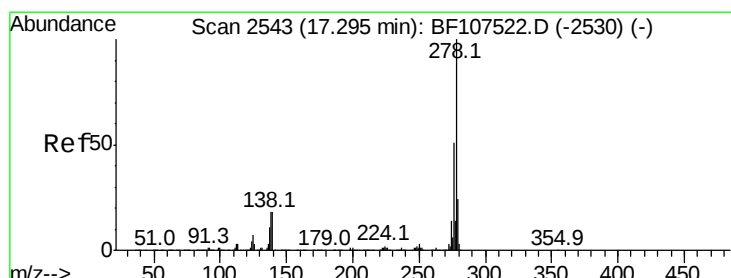
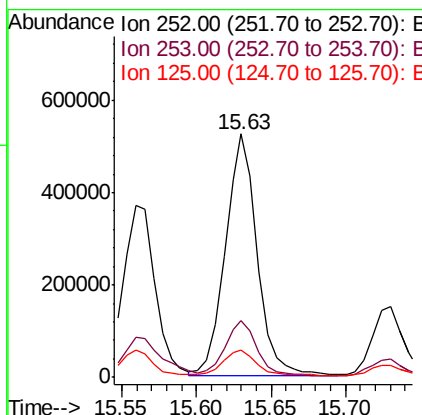
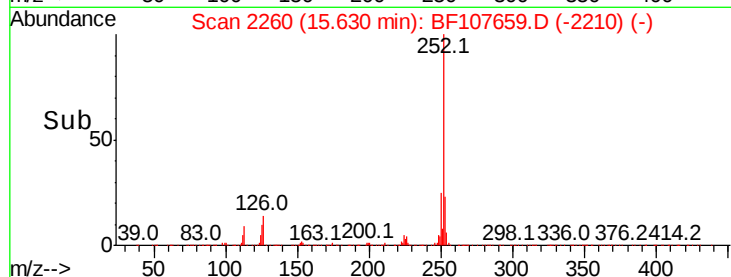
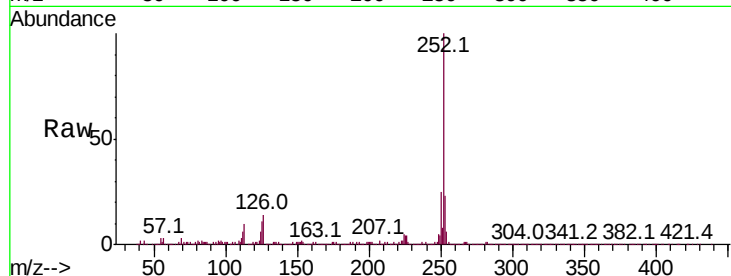
#89
Benzo(a)pyrene
Concen: 39.412 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	11.1	9.8	14.6

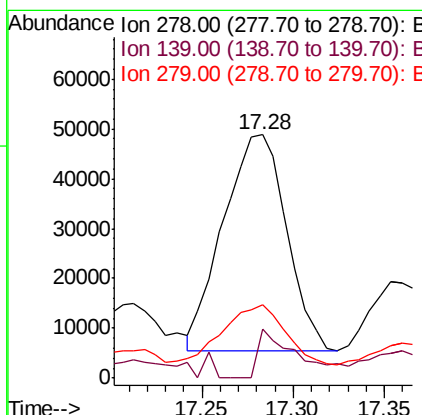
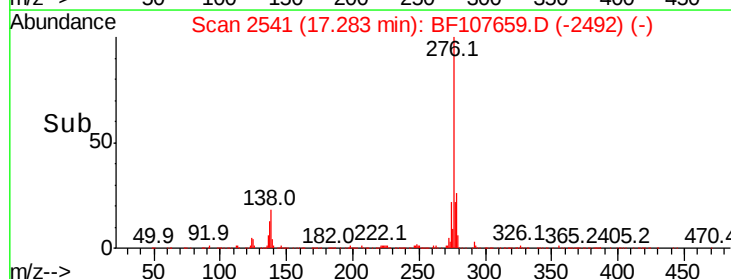
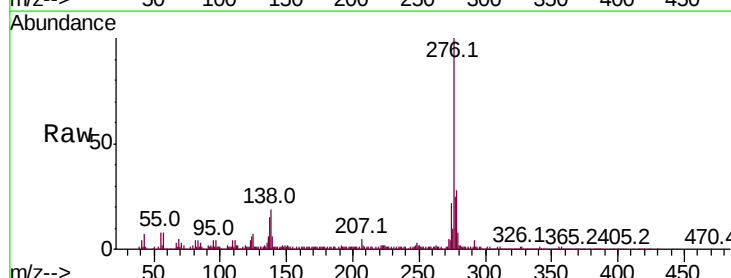
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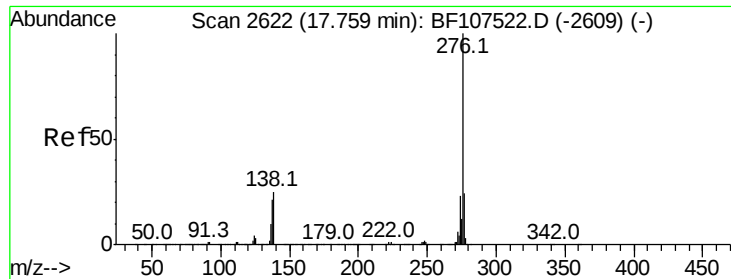
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 6.165 ng m
RT: 17.28 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF107659.D
Acq: 25 Jul 2018 16:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.9	23.9
279	30.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 29.048 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF107659.D
 Acq: 25 Jul 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
488584	276	100			
	277	25.7		17.9	26.9
	138	21.4		21.8	32.8

Manual Integrations
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